FUJIFILM

FCR XG-1

CR-IR346CL

OPERATION MANUAL

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FOREWORD

Thank you for purchasing the FCR XG-1 CR-IR346CL.

For users to understand the functions of the CR-IR346CL and use them to the fullest, this manual “FCR XG-1 CR-IR346CL OPERATION MANUAL” describes in detail how to operate the unit, precautions in operations, etc.

Users using the unit for the first time should read this manual carefully before beginning use.

After using the manual, keep it nearby carefully for future reference.

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chapter 1

PRECAUTIONS BEFORE USE

1 For Safe Operation

This chapter lists the precautions required to use the CR-IR346CL safely. Before starting use, read this chapter very carefully and understand its operations thoroughly first.

Safety precautions consist of "WARNING", "CAUTION", and "NOTE" which is a supplementary explanation. Differing in nature, each have the following meanings.

⚠ WARNING

Indicates hazardous situations which may lead to serious injuries or even death if the precaution is not or could not be followed.

⚠ CAUTION

Indicates hazardous situations which may lead to mild or medium injuries if the precaution is not or could not be followed. Precautions against accidents causing only physical damages.

NOTE

Gives procedures requiring special attention, instructions which must be followed, supplementary explanations, etc.

⚠ WARNING

This model supplies high voltage to the inside of unit, etc. The following instructions must be carefully followed to prevent an electrical shock.

- No one other than service engineers should open the unit cover. Do not touch the high voltage portion of the above-mentioned parts with your hand, or you may get an electric shock.

⚠ WARNING

The supply voltage of the units comprising this system is AC100V to 120V or AC200V to 240V.

The instructions below must be followed to prevent an electrical shock.

- Install the unit where no water may subject the units.
- Check that the ground of each unit has been perfectly connected.
- Check that all the cables have been properly and perfectly connected.

⚠ CAUTION

In extended uses of the unit, set aside 10 to 15 minutes after every hour to rest your eyes and hands.

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chapter 2

OPERATIONS BASICS

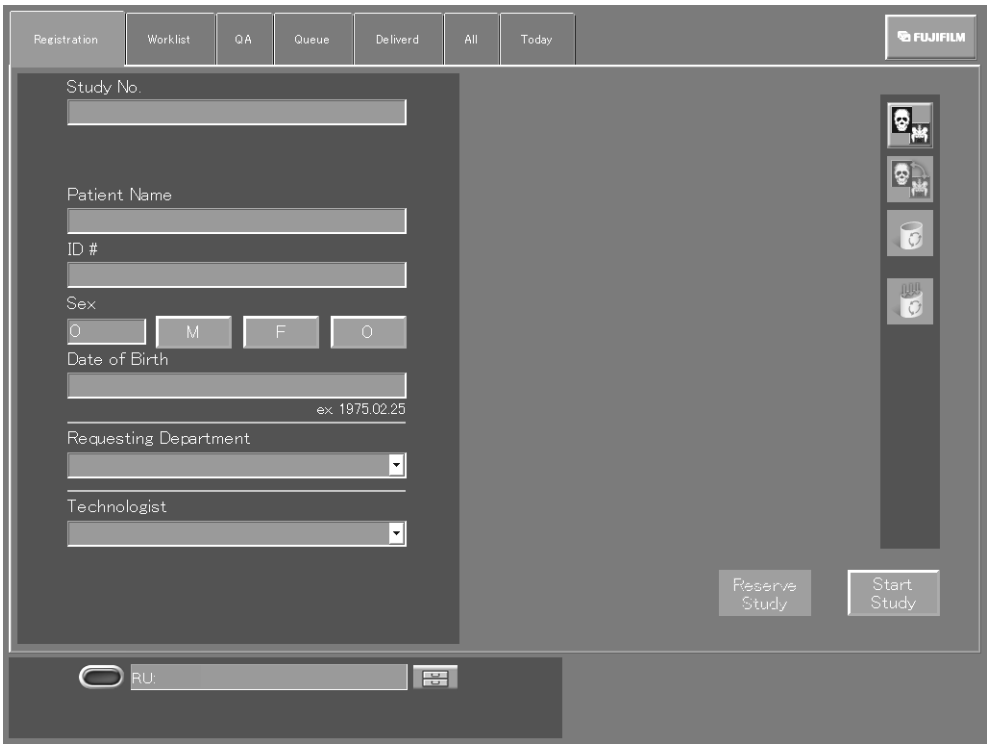
1 Start Up/Shut Down

The following explains how to start up and shut down the CR-IR346CL. Be sure to start up peripheral devices which are required for the work as well such as the Image Reader and display.

■ Start up

Turn on the power of the personal computer.

The application software of the CR-IR346CL automatically starts. When the initial screen is displayed, start up is completed.



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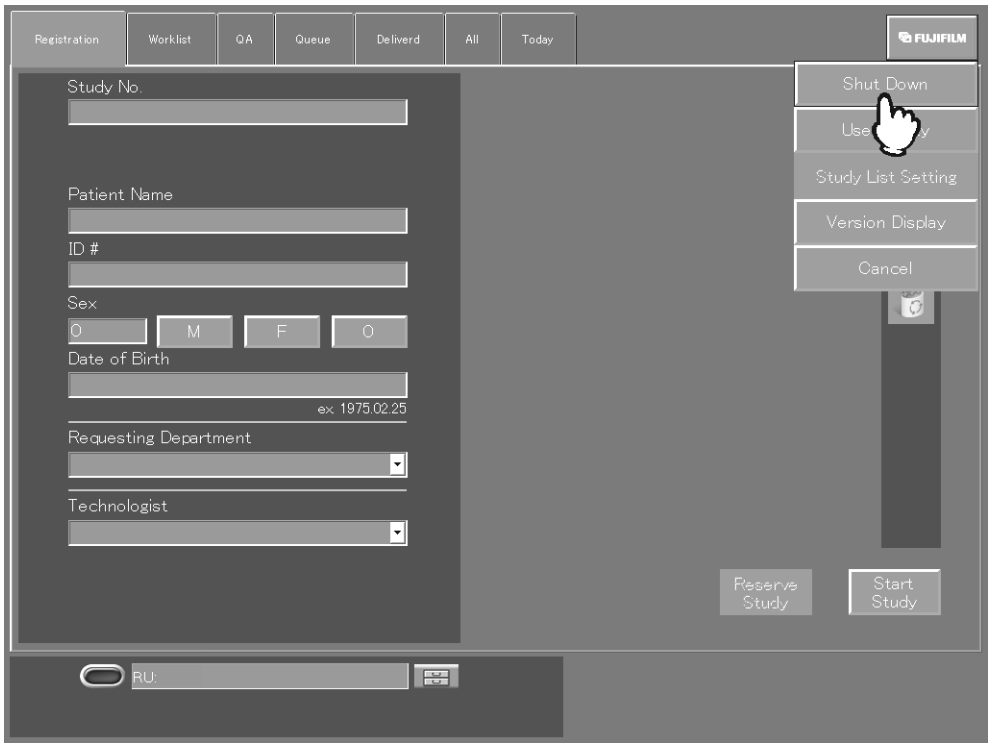
■ Shut down

Select FUJIFILM to display the menu, and then select “Shut Down” menu. The application software of the CR-IR346CL ends, and the power of the personal computer is automatically turned off.

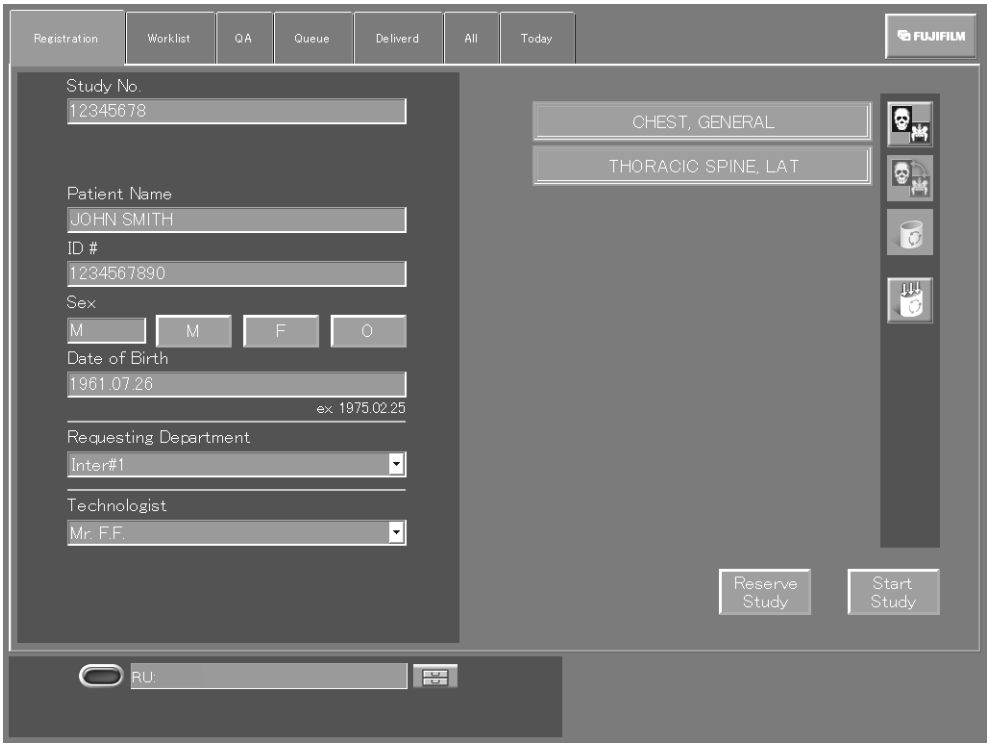


2 Operation Screen

The following explains the operation screen that is the base of operations from reception of a study to completion of image edit. For details of operation, refer to the page shown in parentheses.

■ Study reception screen

Screen to perform reception of study. This screen is displayed as the initial screen after the unit is started.



Patient information input field : Inputs patient information. (page *4-2*)

Exposure menu list **:** Lists exposure menus. (page *4-4*)

: Selects and adds exposure menus. (page *4-3*)

: Updates exposure menus. (page *4-5*)

: Deletes specific exposure menus. (page *4-6*)

: Deletes all the exposure menus. (page *4-6*)

: Scrolls the exposure menu list. (page *4-4*)

: Reserves a study. (page *4-7*)

: Starts a study. (page *4-7*)

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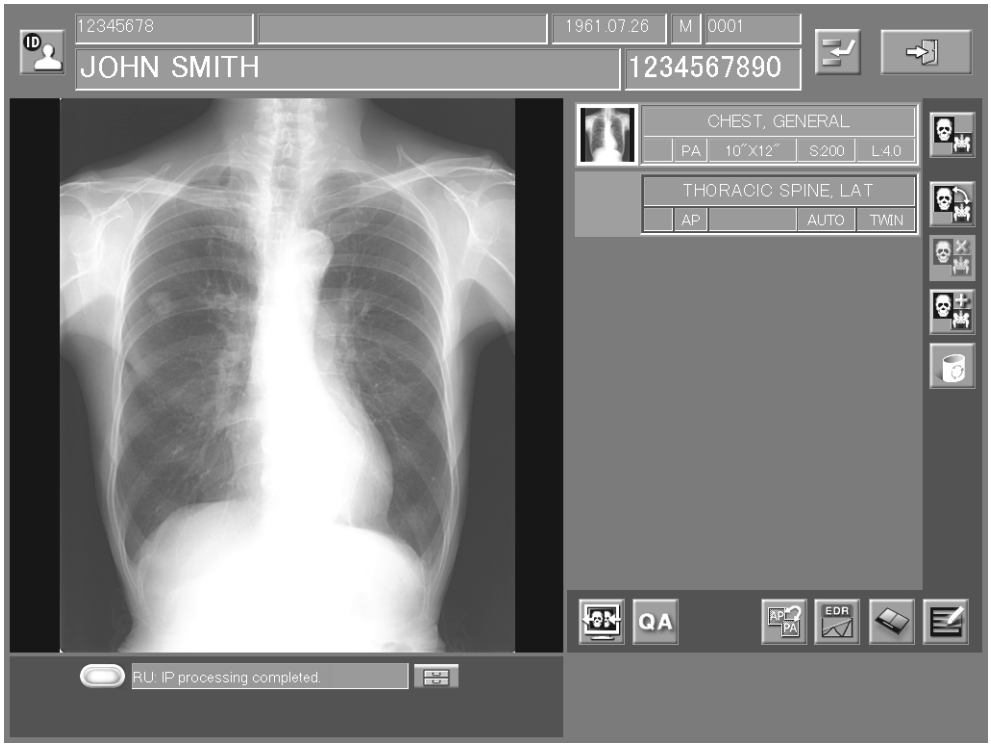
■ Study execution screen

Screen to execute a study. This screen is displayed when execution of study is ordered to the study received.



Patient information display field : Displays patient information.
Image display field : Displays images read from IP. (page *5-4*)
Exposure menu list : Lists exposure menu.

: Updates patient information. (page *5-16*)

: Adds exposure menus. (page *5-12*)

: Updates exposure menus. (page *5-13*)

: Performs re-exposures. (page *5-15*)

: Performs additional exposures. (page *5-15*)

: Deletes exposure menus. (page *5-14*)

: Scrolls the exposure menu list. (page *5-4*)

: Checks or updates parameters. (page *5-5*)

: Displays images in the monitor mode. (page *5-4*)

: Edits image information. (page *5-4*)

: Sets priority output. (page *5-17*)

: Suspends or completes a study. (page *5-17*)

■ Image edit screen (by image)

Screen to edit image information by image. This screen is displayed when execution of image edit is instructed in the study execution screen.

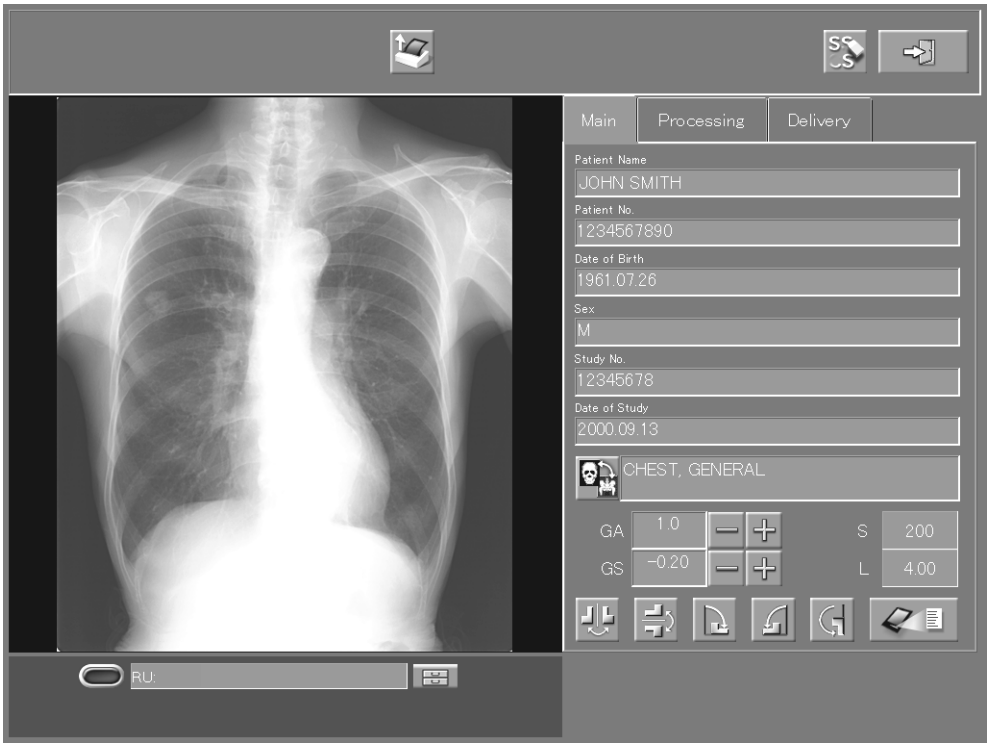


Image display field : Displays the image to be edited.
Information folder : Edits information in each folder. (page *6-4*)
: Outputs displayed image on a film. (page *6-20*)
: Cancels image processings. (page *6-9*)
: Returns to the previous screen. (page *6-22*)

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■ Image edit screen (by study)

Screen to edit image information by study. This screen is displayed when execution of image edit is instructed in the list screen.

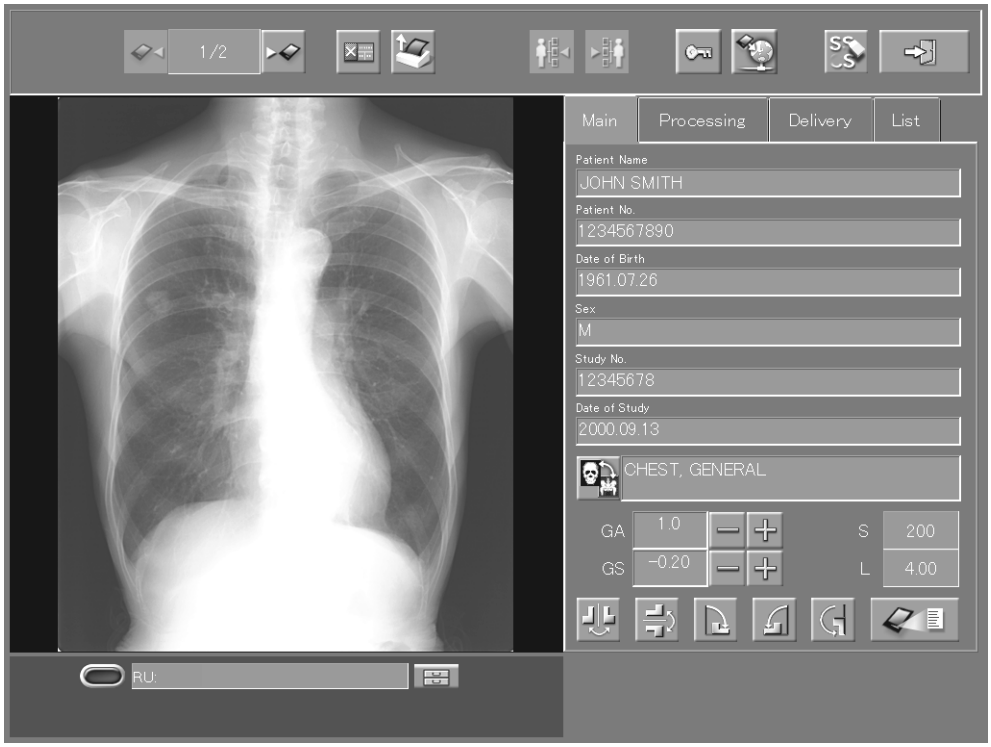


Image display field : Displays the image to be edited.

Information folder : Edits information in each folder. (page *6-4*)

: Treats the displayed image as failed image. (page *6-20*)

: Outputs the displayed image on a film. (page *6-20*)

: Locks a study. (page *6-20*)

: Outputs all the images in the study. (page *6-22*)

: Cancels image processing. (page *6-9*)

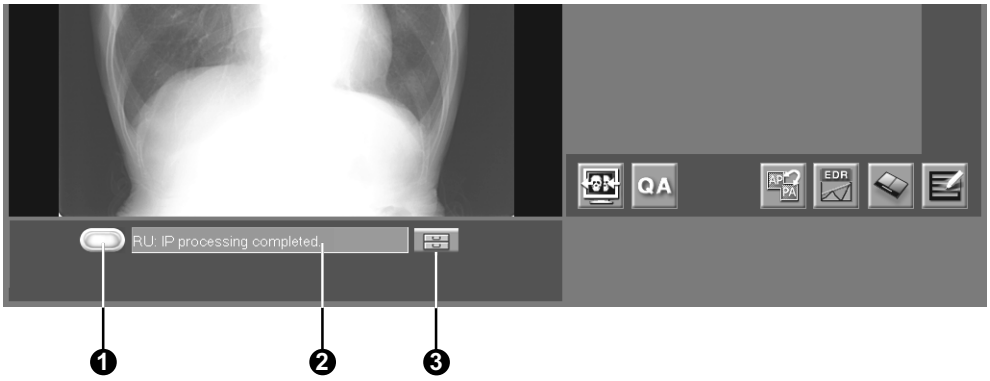
/ : Displays previous or next image. (page *6-2*)

/ : Displays previous or next study. (page *6-2*)

: Returns to the previous screen. (page *6-22*)

3 Image Reader Status

Allows checking the status of the Image Reader (CR-IR346RU).



❶ Indicator

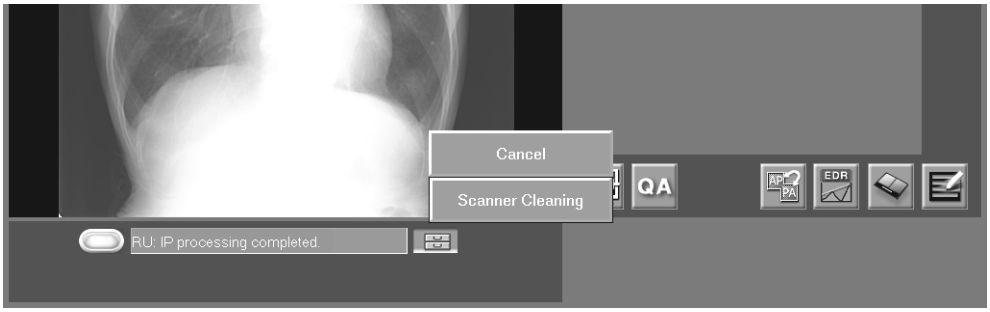
Shows the status of connection with the Image Reader (green: connected).

❷ Operation status

Shows the status of operation of the Image Reader.

❸ Maintenance icon

When this icon is selected, the menu shown below is displayed. For details of operation, refer to the operation manual of the Image Reader.



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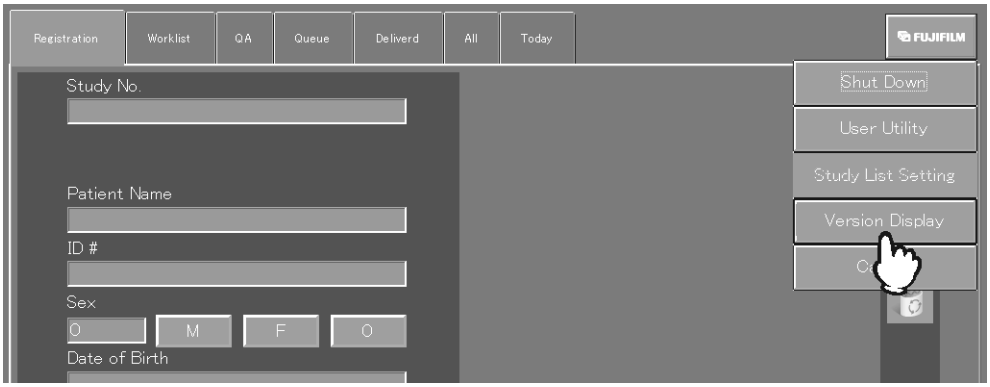
4 Version Display

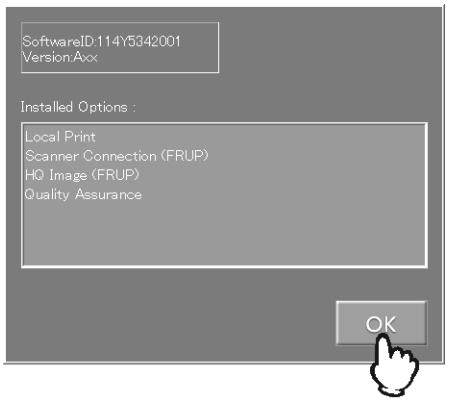
Menu to check the version (Axx) of the CR-IR346 application software and options installed.

Select FUJIFILM to display the menu, and then select “Version Display” menu.



A confirmation box is displayed.

Check the contents, and then select OK.



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chapter 3

OPERATIONS LIST

1 List

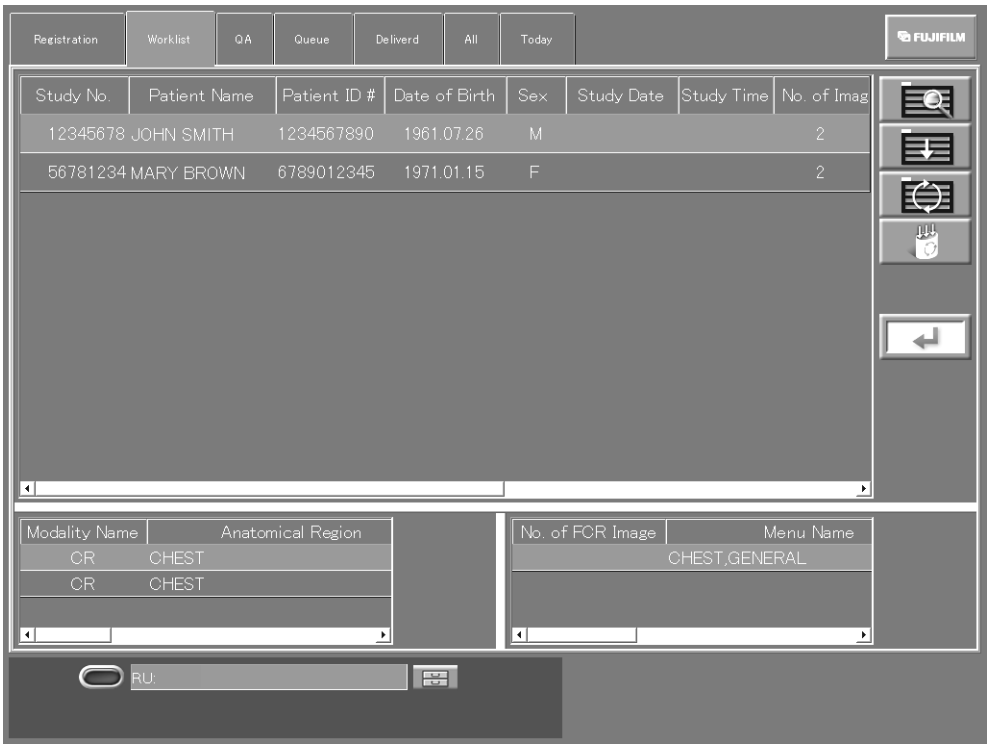
The following explains various lists which configure the initial screen. These lists can be displayed by selecting a tab at the top of the screen. For details of operations, refer to the page shown in parentheses.

Each list is configured with the directories, by study → by series, → by image, and the directories by series and by image expand and list the information selected in the higher directory. (only by image for the "Queue" list.)

Setting of display information and display/non-display of directory by series need customization of the list. For details, refer to "Setting study list " (page *3-13*).

■ Worklist

Lists information of studies which have been received but not exposured.



: Searches study information. (page *3-8*)

: Sets the sorting order of the list. (page *3-9*)

: Updates the list. (page *3-9*)

: Deletes study information. (page *3-10*)

: Executes the next processing (study). (page *3-12*)

/ : Scrolls the list. (page *3-12*)

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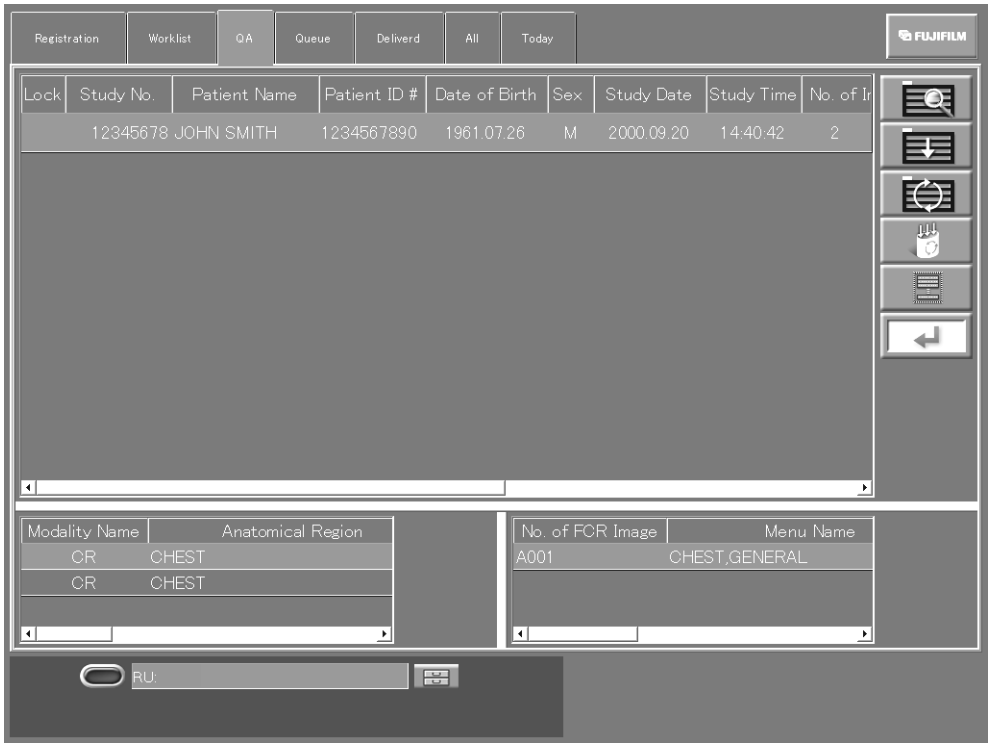
QA

Lists information of studies which have been exposured but not edited.



: Searches study information. (page *3-8*)

: Sets the sorting order of the list. (page *3-9*)

: Updates the list. (page *3-9*)

: Deletes study information. (page *3-10*)

: Selects all the study information. (page *3-10*)

: Executes the next processing (image edit). (page *3-12*)

/ : Scrolls the list. (page *3-12*)

Queue

Lists information of images which have been exposured and edited but not output.

: Searches image information. (page *3-8*)

: Sets the sorting order of the list. (page *3-9*)

: Updates the list. (page *3-9*)

: Deletes image information. (page *3-10*)

: Executes priority output. (page *3-11*)

: Switches displayed information. (page *3-11*)

/ : Scrolls the list. (page *3-12*)

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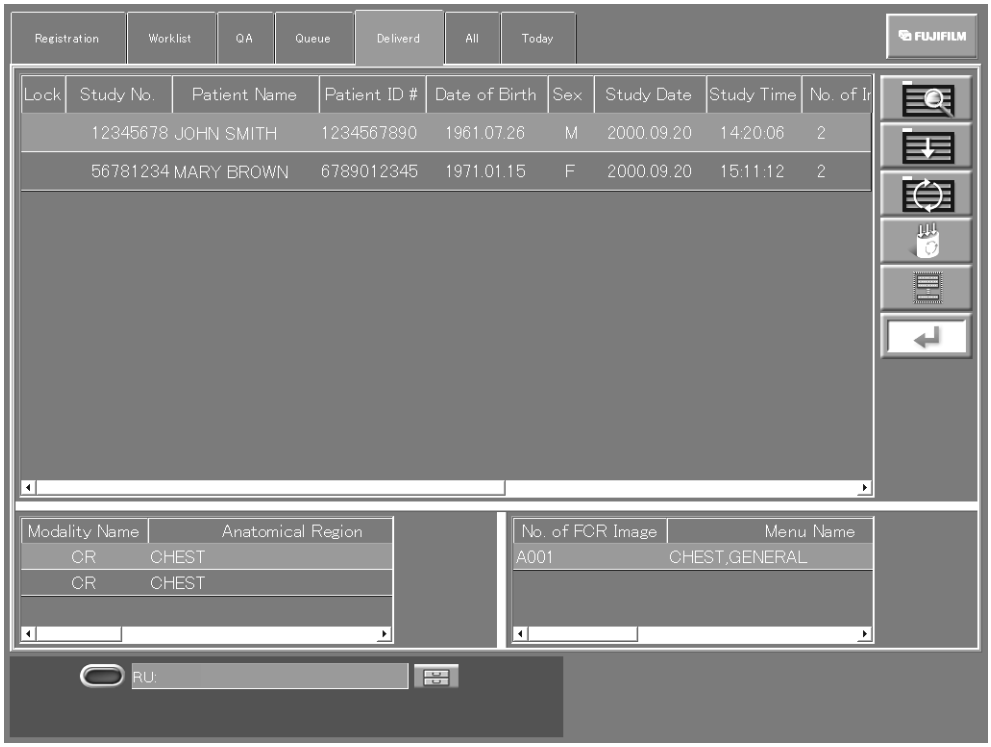
■ Delivered

Lists information of studies which have been output.



: Searches study information. (page *3-8*)

: Sets the sorting order of the list. (page *3-9*)

: Updates the list. (page *3-9*)

: Deletes study information. (page *3-10*)

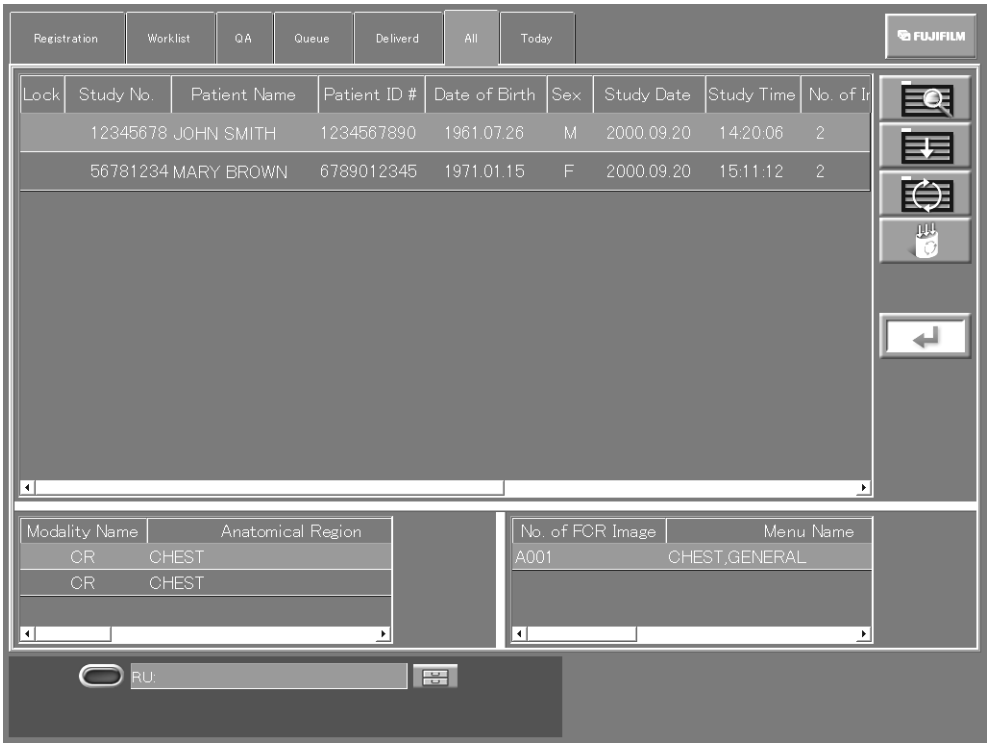
: Selects all the study information. (page *3-10*)

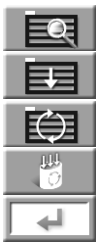
: Executes the next processing (image edit). (page *3-12*)

/ : Scrolls the list. (page *3-12*)

All

Lists information of all the studies stored in the hard disk of the unit.





: Searches study information. (page *3-8*)

: Sets the sorting order of the list. (page *3-9*)

: Updates the list. (page *3-9*)

: Deletes study information. (page *3-10*)

: Executes the next processing (varies depending on the condition of the study). (page *3-12*)

/ **:** Scrolls the list. (page *3-12*)

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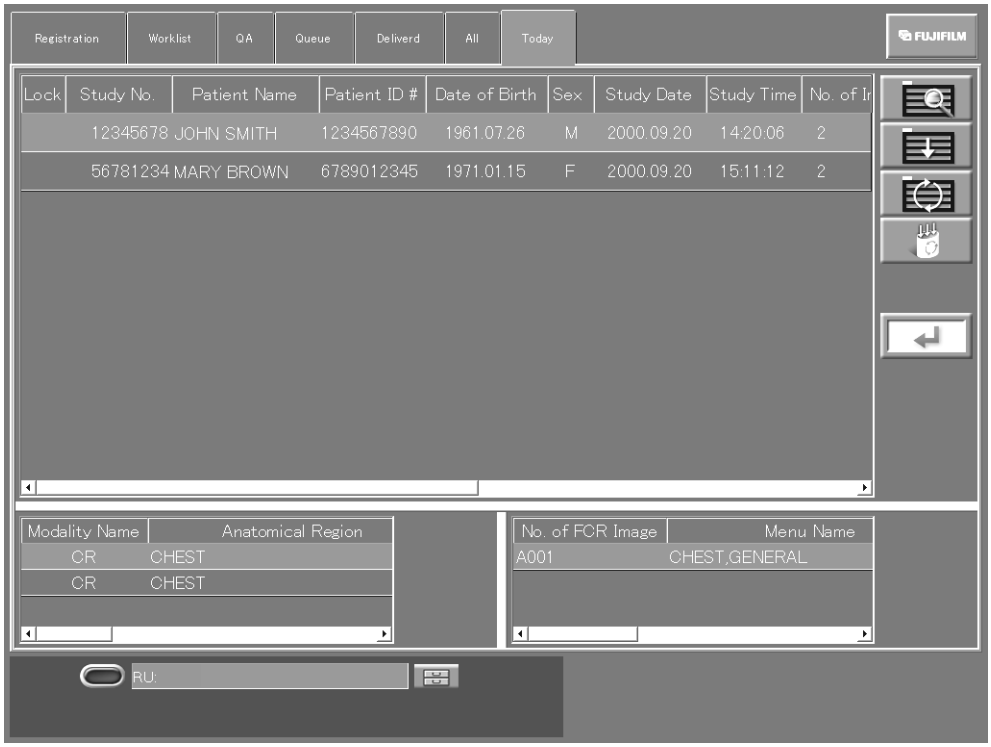
■ Today

Lists information of studies which were exposured today.



: Searches study information. (page *3-8*)

: Sets the sorting order of the list. (page *3-9*)

: Updates the list. (page *3-9*)

: Deletes study information. (page *3-10*)

: Executes the next processing (image edit). (page *3-12*)

/ : Scrolls the list. (page *3-12*)

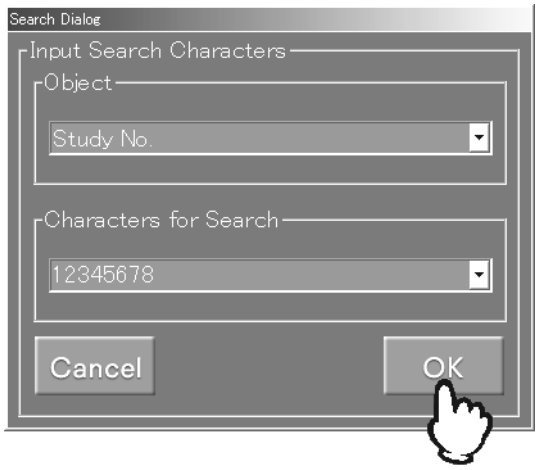
2 List Operation

■ Search

Searches (selects) specific information from the list. This function is valid for all the lists.

When is selected, a dialog box is displayed.

Select the information item to be searched, enter the character string to be searched, (if the character string has been entered before, it can be selected from the drop down list.), and then select OK.



Cancel : Cancels operation.

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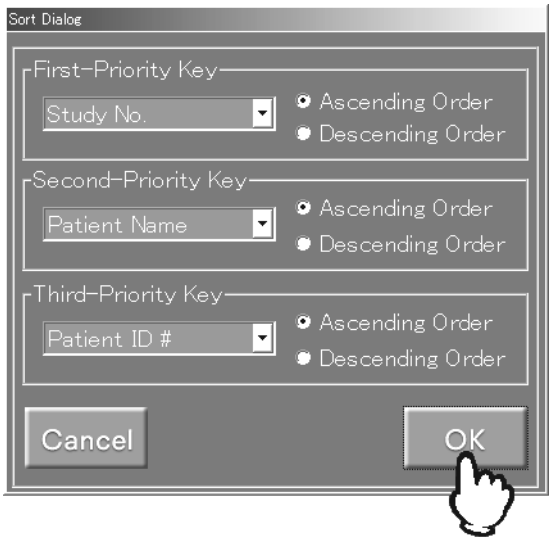
■ Setting the sorting order

Sets the order for sorting the list. This function is valid for all the lists.

When is selected, a dialogue box is displayed.

Selects the priority of the sort keys and their orders, and then select OK.

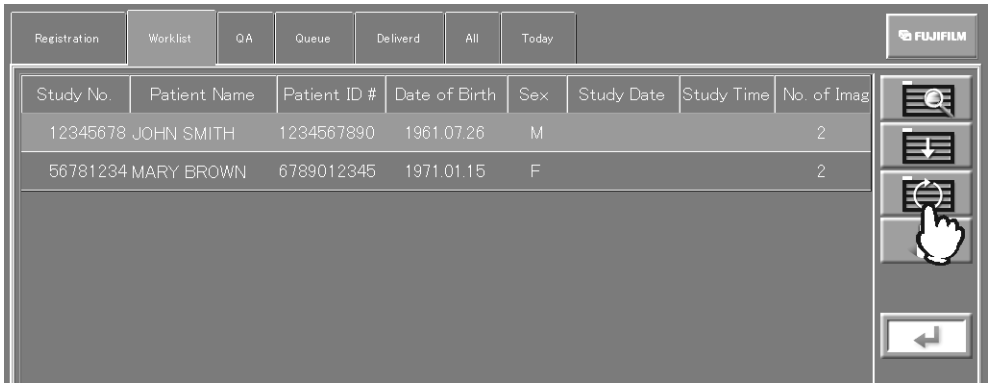


Cancel : Cancels operation.

■ Updating the list

Updates the list and lists the latest information. This function is valid for all the lists.

Select .

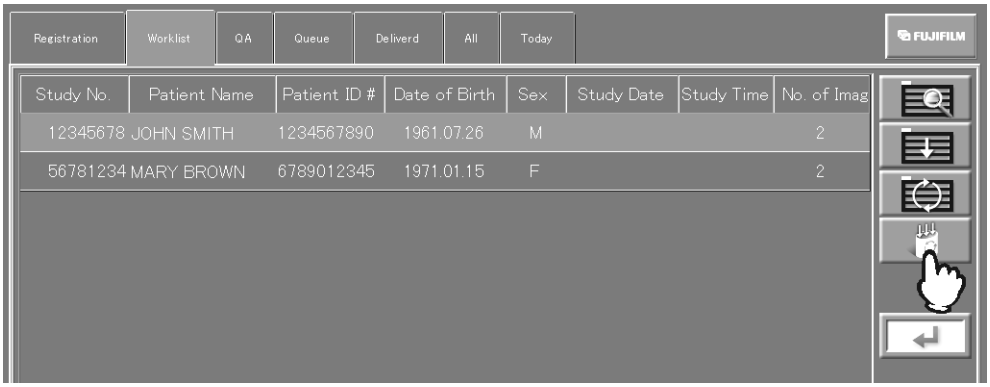


Deletion

Deletes information. This function is valid for all the lists.

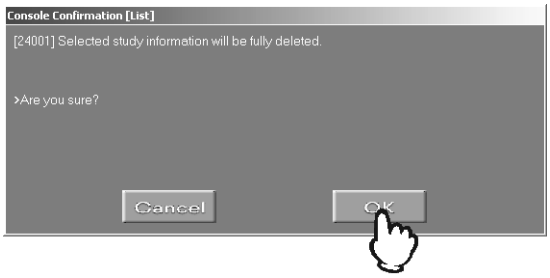
Select information in the highest directory (by image for “Queue” list, by study for all the other lists), and then select .

The information displayed with (lock) cannot be deleted.



A confirmation box is displayed.

Select OK.

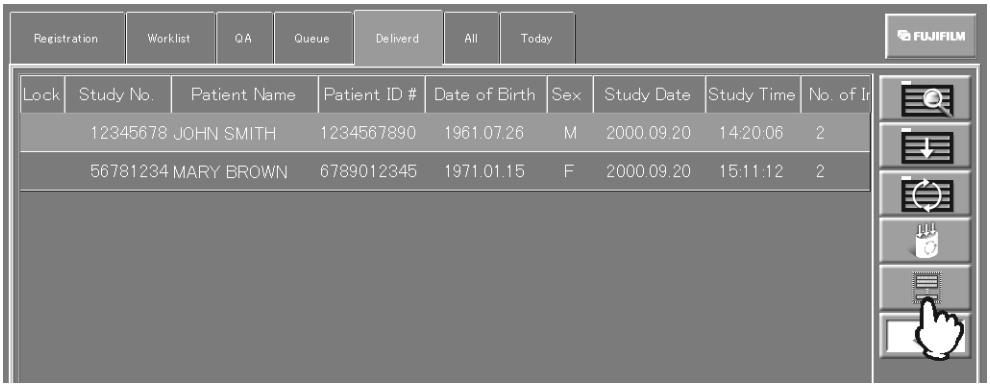


Cancel : Cancels operation.

Select all

Selects all the study information. This function is valid for the “QA” list and “Delivered” list.

Select .



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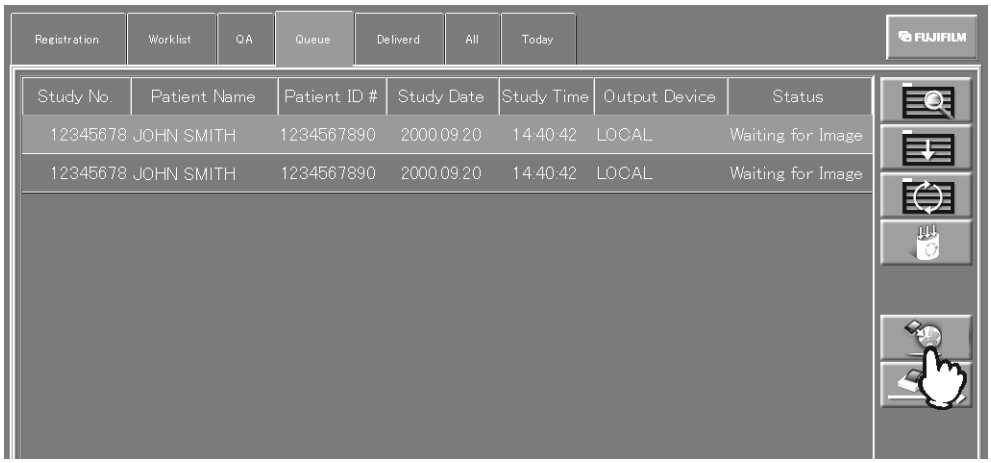
■ Priority output

Executes output with priority. This function is valid for the “Queue” list.

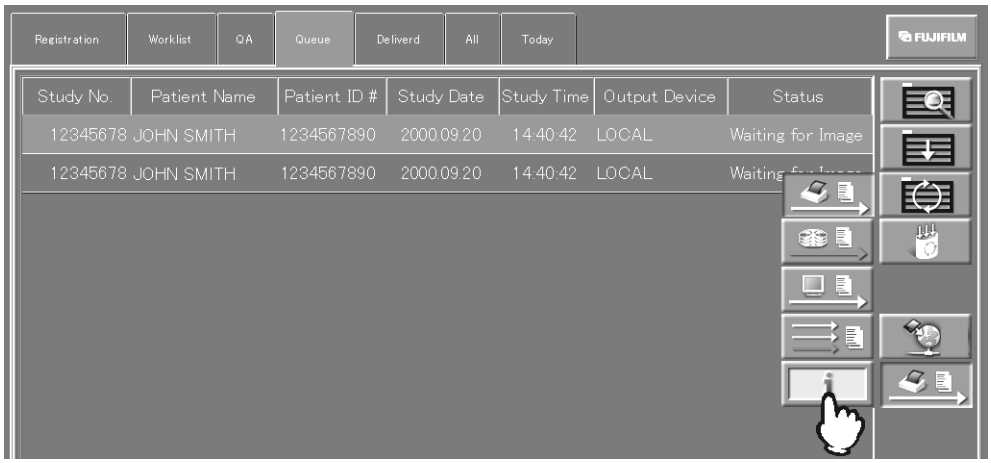
Select an image, and select .



■ Switching display information

Switches the display information of the list. This function is valid for the “Queue” list.

When (or any one of five icons shown below) is selected, five icons are displayed. Select one of the icons.



: Lists image information that are waiting for film output.

: Lists image information that are waiting for filing output.

: Lists image information that are waiting for soft copy output.

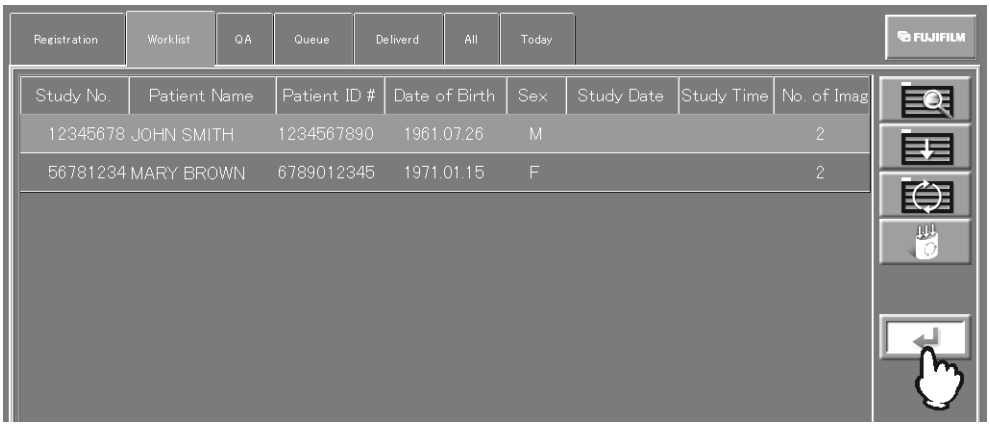
: Lists all the image information that are waiting for output.

: Lists status of the unit that is the destination of the output.

■ Execution of the next processing

Executes the next processing. This function is valid for the lists, “Worklist”, “QA”, “All”, “Delivered”, and “Today”.

Select a study in the directory by study, and then select .



■ Scroll

Scroll the list. This function is valid for all the lists.

Select or . (These icons are displayed only when all the information cannot be displayed at a time.)

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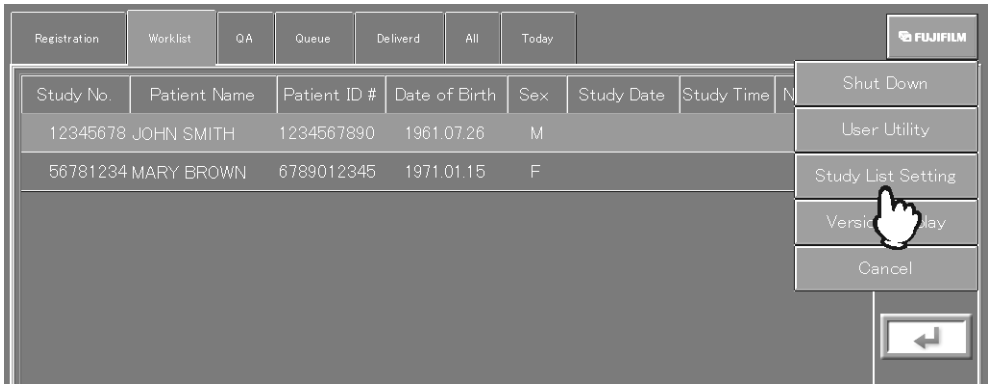
■ Setting study list

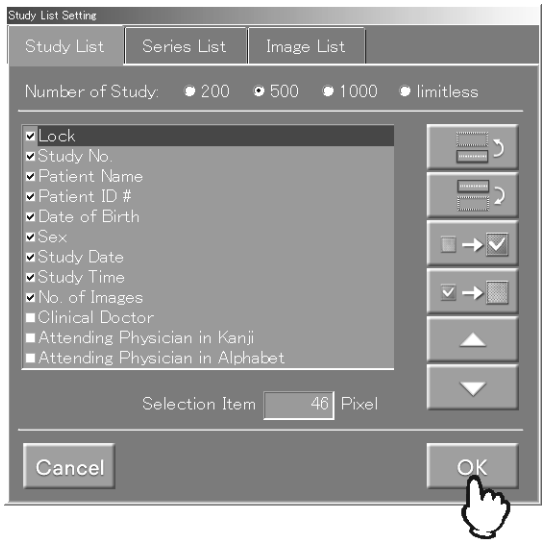
Customizes the list. This function is valid for all the lists. The settings of lists are common for all the lists except “Queue” list, so that the user does not have to repeat the setting for each list.

Select FUJIFILM to display the menu, and then select “Study List Setting” menu.



A dialog box is displayed.

After making the settings explained below, select OK.



/ : Scrolls information items.

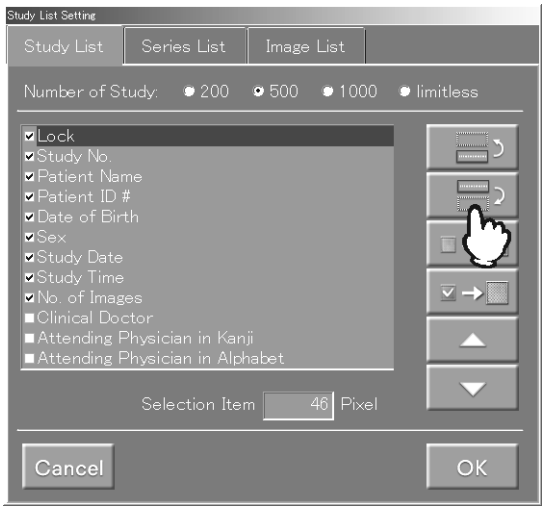
Cancel : Cancels operation.

Display order :

Sets the order of information items to be displayed.

Select information items in each folder, and then select (toward left on the list) or (toward right on the list).

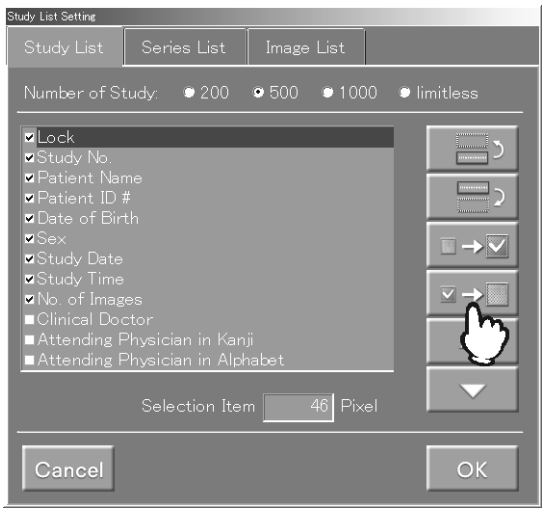
If pixel value is inputted in the “Selection Item” field, the width of the information items currently selected can be set.



Displayed/Not displayed :

Switches information items to be displayed or not displayed.

Select information items in each folder, and then select (displayed) or (not displayed).



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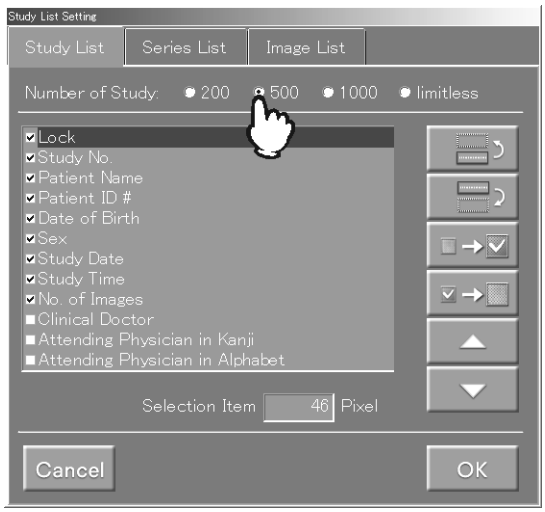
Number of studies to be displayed :

Sets the maximum number of study information to be displayed. This setting is valid only for “Delivered” list.

Select the number of study information to be displayed in the “Study List” folder.



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FUJI COMPUTED RADIOGRAPHY

chapter 4

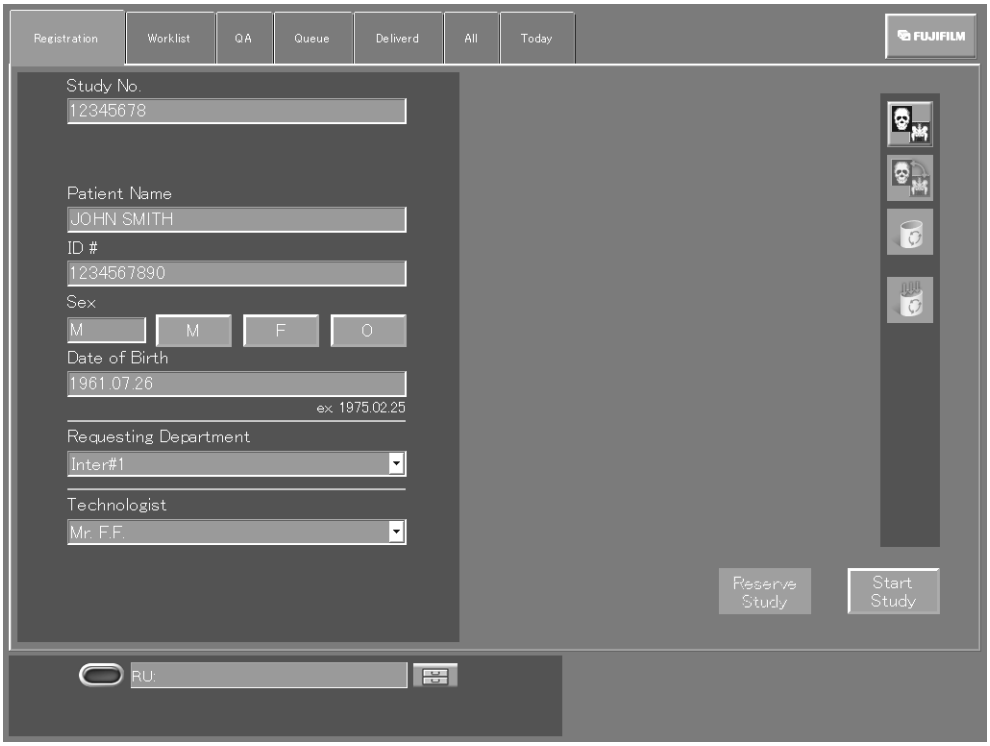
OPERATIONS
STUDY RECEPTION

1 Patient Information Input

Inputs patient information.

Input information in items of the patient information field. Not all the items , however, needed to be inputted. Input in any one of the items in order to proceed to the next operation.

If a card reader (optional) is provided, ID card (CR card) can be used to input information.



Study No. : Inputs study number.
Patient Name : Inputs patient's name.
ID # : Inputs patient's ID number.
Sex : Inputs patient's sex (M: male, F: female, O: other). M / F / O can also be selected for input.
Date of birth : Inputs patient's date of birth. The input format for the date is shown in the example below the input field.
Requesting Department : Select a requesting department from the drop down list. (Character input is not allowed.)
Technologist : Select a technologist from the drop down list. (Character input is not allowed.)

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2 Exposure Menu Selection

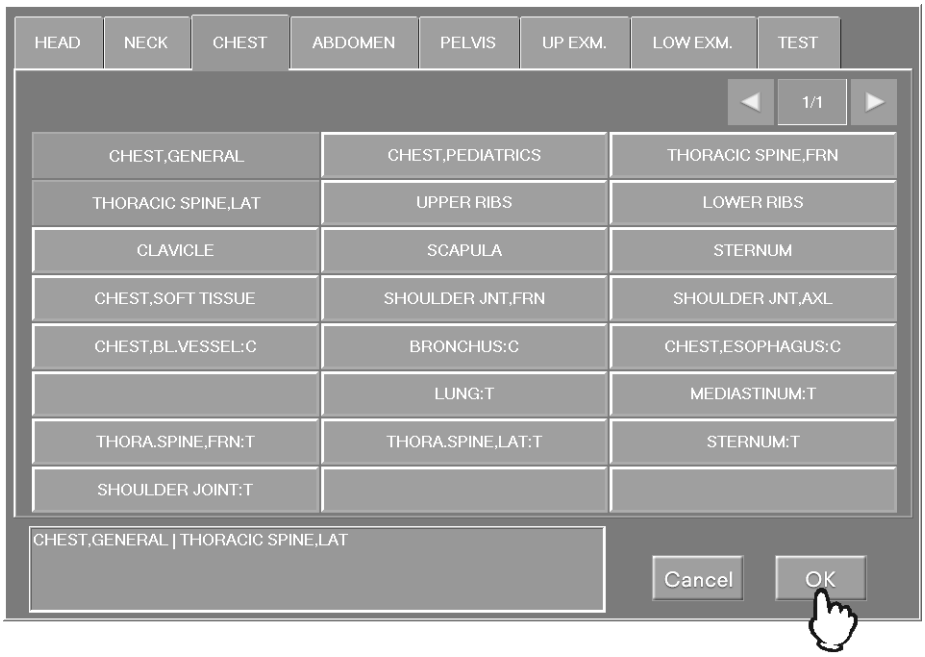
Selects exposure menu.

Select .

Exposure menu selection box is displayed.

Select the folder of anatomical region to display the desired exposure menu, and then select exposure menu (more than one menus can be selected). The selected exposure menu is displayed in the lower field of the box.

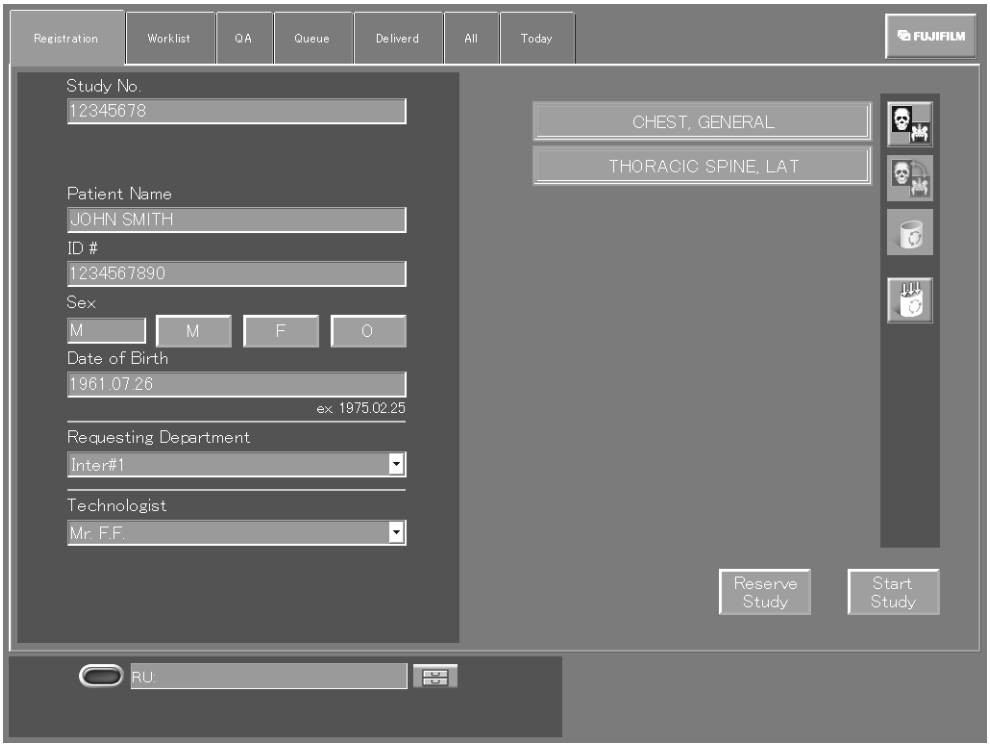
Select an exposure menu, and then select OK.



◀ / ▶ : Turns page.

Cancel : Cancels operation.

The selected exposure menus are listed as shown below.



Addition :
Repeat the operation in this item to add exposure menus.

Change order :
Move the exposure menu up or down while it is selected to change the order.

Scroll :
Select or to scroll the exposure menu list. (These icons are displayed only when there are so many exposure menus that all of them cannot be displayed at a time.)

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3 Update/Delete Exposure Menu

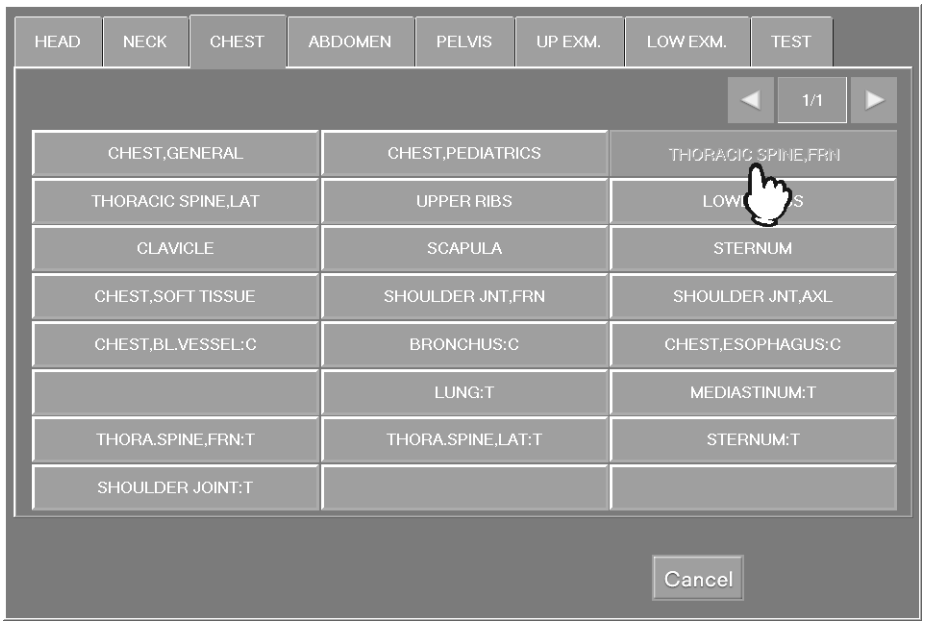
■ Update

Updates exposure menu.

Select an exposure menu to be updated, and then select .

Exposure menu update box is displayed.

Select a folder for anatomical region to display the desired exposure menu, and then select an exposure menu.



◀ / ▶ : Turns page.

Cancel : Cancels operation.

■ Deletion

Deleting a specific exposure menu :
Deletes a specific exposure menu.

Select an exposure memu, and select .

Deleting all the exposure menus :
Deletes all the exposure menus.

Select .

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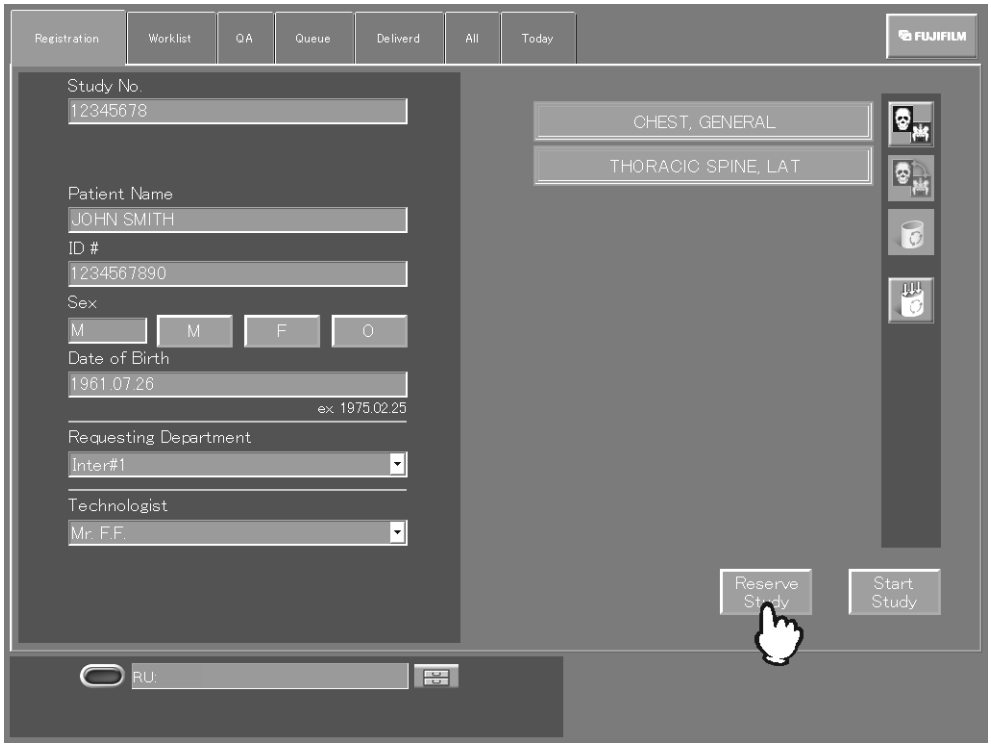
4 Completing Reception

Completes reception of study.

Select either one of the icons.



Reserve Study : Reserves a study without execution. The reserved study is stacked in the "Worklist" list. (Refer to Chapter 3 OPERATIONS LIST.)

Start Study : Displays study execution screen, and starts study. (Refer to Chapter 5 OPERATIONS STUDY EXECUTION.)

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chapter 5

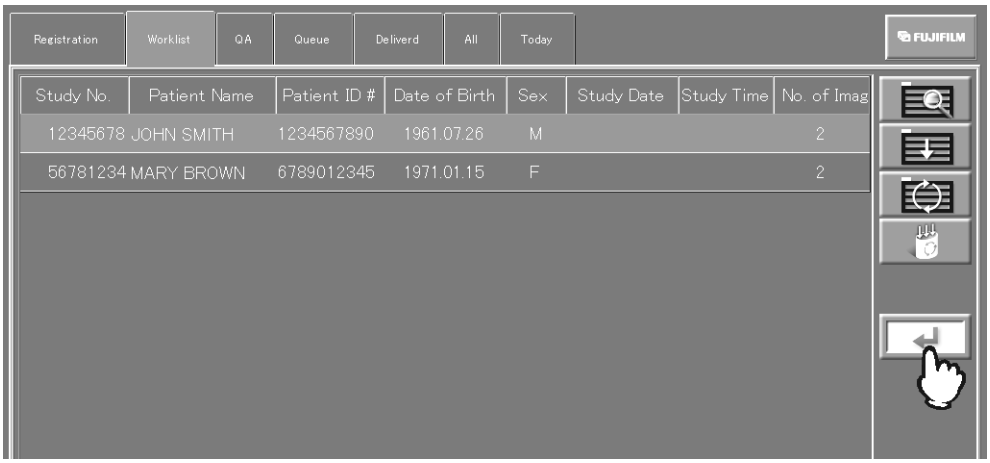
OPERATIONS
STUDY EXECUTION

1 Screen Display

Selects studies from the “Worklist” list, and display study execution screen.

If study execution screen (illustration below) is displayed from study reception screen, the operation in this chapter is not necessary. (Refer to “Chapter 4 OPERATIONS STUDY RECEPTION”\“4. Completing reception”.)

Select studies from the “Worklist” list, and then press [↵]. (Refer to “Chapter 3 OPERATIONS LIST”.)



Study execution screen is displayed.

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2 Image Reading

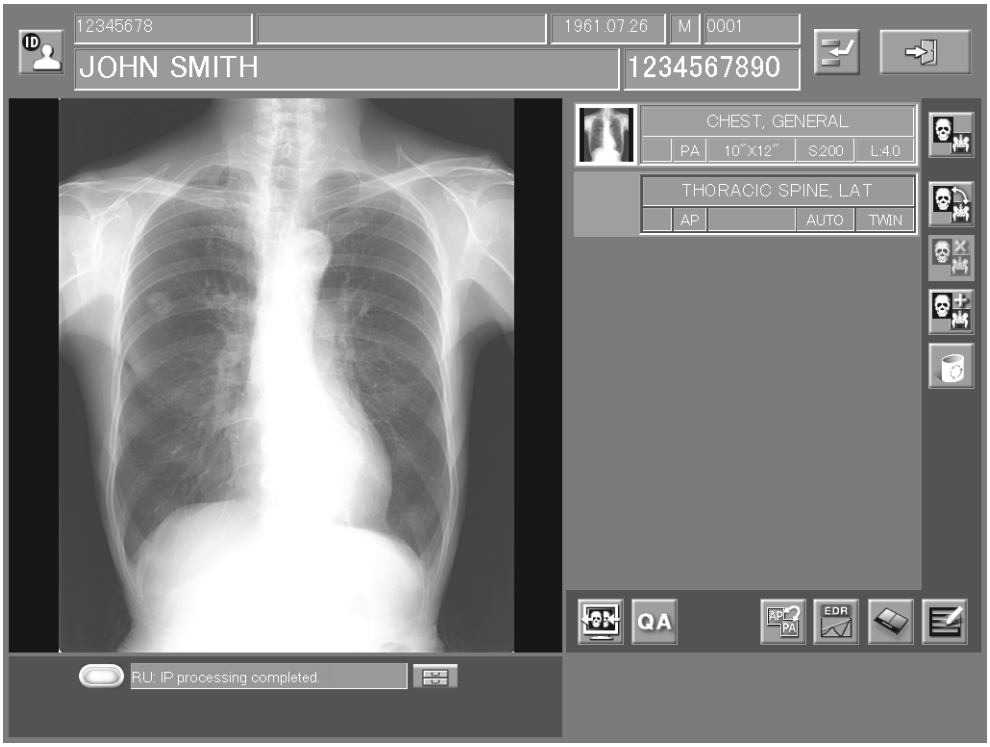
Reads an image from exposured IP.

The setting of various parameters can be checked or updated before reading an image. For details of operation, refer to “Checking/updating parameters” (page *5-5*).

Select an exposure menu of the image to be read.

On the Image Reader, make sure the indicator, is turned on, and then insert an IP. Image reading starts. When image reading is completed, the IP is ejected.

The image read is displayed on the screen of the CR-IR346CL. Repeat the selection of exposure menus and reading of images as many times as needed.



Changing order :
Move the exposure menu up or down while it is selected to change the order.

Scroll :
Select or to scroll the exposure menu list. (These icons are displayed only when there are so many exposure menus that all of them cannot be displayed at a time.)

Switching image :
Select a thumb nail image to switch the displayed image.

Monitor mode :
Monitor mode is a mode to automatically display images read. This mode is set in default.

When a thumb nail image is selected to switch the displayed image, the monitor mode is released to give priority to display of that image. To set a monitor mode after the monitor mode is released, select .

Image edit :
Select to edit the information of the displayed image. (Refer to “Chapter 6 OPERATIONS IMAGE EDIT”.)

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– Checking/updating parameters –

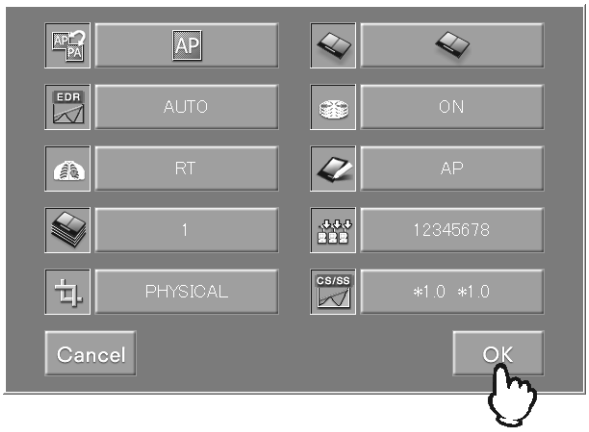
Checks or updates settings of various parameters before reading an image from IP.

Appropriate condition for each exposure menu is set in default, update parameters according to necessity.

Select an exposure menu before reading, and then select any of the parameter icons or .

When is selected, the parameter selection box is displayed.

Perform the setting, which is to be explained hereafter, and then select OK.



Cancel : Cancels operation.

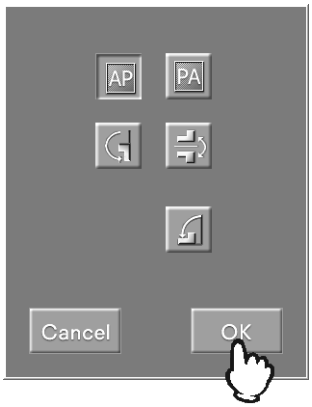
When a parameter icon other than is selected, the setting box corresponding to that parameter is displayed. Operate referring to the following explanation.

Setting image flip :

Sets image flip display.

Select the parameter display field of to display the setting box.

Select one of the icons.



: Normal image.

: Flips the image horizontally.

: Rotates the image 180 degrees.

: Flips the image vertically.

: Rotates the image 90 degrees to left.

: Cancels operation.

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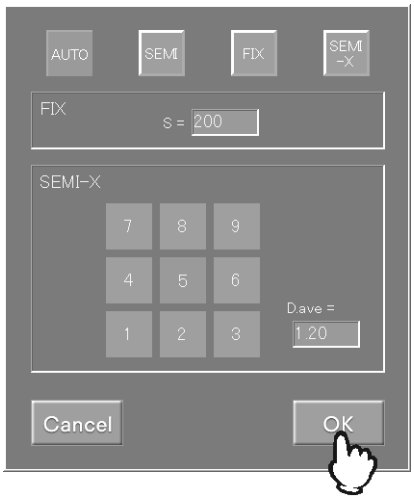
EDR mode :

Sets EDR mode (method of setting Image Reader sensitivity).

Select the parameter display field of

to display the setting box.

Select one of the icons to make necessary settings, and then select OK.



: Auto mode.

: Semi auto mode.

: Fix mode. When this mode is selected, input S value (2 to 20000) in the item “FIX”.

: Semi-X mode. When this mode is selected, select photometric position in the item “SEMI-X”, and input Dave value (0.30 to 2.64).

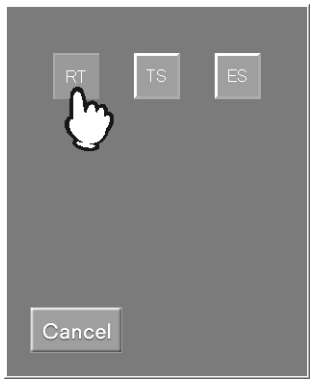
: Cancels operation.

Function :

Sets function (special processing).

Select the parameter display filed of
to display the setting box.

Select one of the icons.



: Routine processing (normal exposure).

: Temporal subtraction processing.

: Energy subtraction processing.

: Cancels operation.

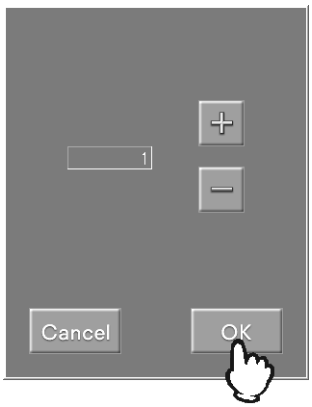
Number of film output :

Sets the number of films to be output.

Select the parameter displays field of to display the setting box.

Select or to set the number of output, and then select .

The number of possible output depends on the setting made at the time of installation. If filling mode is set to “OFF”, do not set this parameter to “0”.



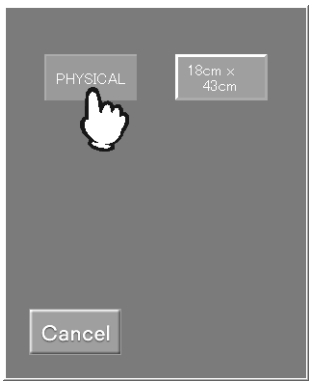
: Cancels operation.

Reading size :

Sets the reading size of IP.

Select the parameter display filed of to display the setting box.

Select one of the icons.



: Read as the same size as the IP.

: Read in 18cm x 43cm.
Mode to read the IP with size of 35 (W) x 43 (H) cm in range of 18 (W) x 43 (H) cm from the center.

: Cancels operation.

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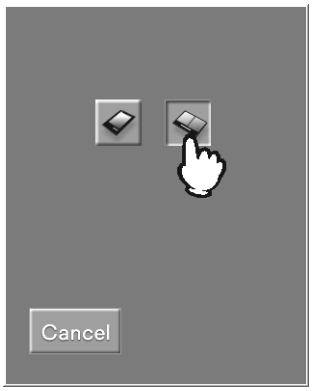
Film output format :

Sets the format of the film to be output.

Select the parameter display field of to display the setting box.

Select one of the icons.



: 1-image format.

: 2-image format.

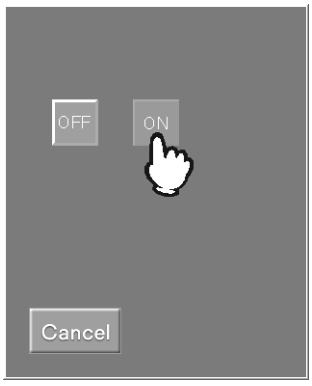
: Cancels operation.

Filing mode :

Sets image filing mode to filing unit (ODF, etc.).

Select the parameter display field of to display the setting box.

Select one of the icons.



: Does not record the image in the filing unit.

: Records the image in the filing unit.

: Cancels operation.

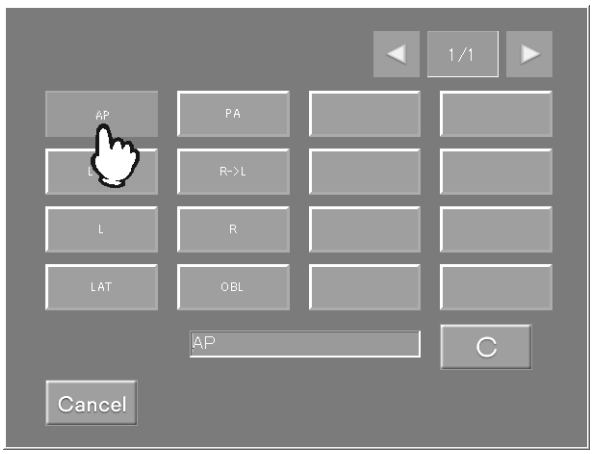
Film mark :

Sets film mark (characters displayed on the film).

Select the parameter display field of to display the setting box.

Select a film mark.

Any character can be inputted in the input field below the box. Enter characters, and then press Enter key.



C **:** Clears the setting and closes the box.

◄ / ► **:** Turns page.

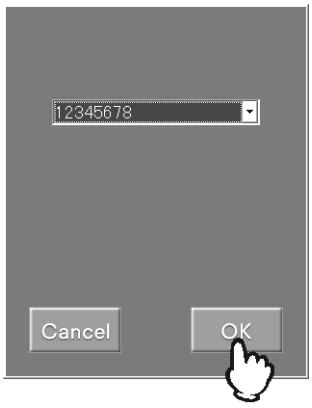
Cancel **:** Cancels operation.

Distribution code :

Sets the distribution code (code number which specifies the destination of transfer) of the image.

Select the parameter display field of to display the setting box.

Select a distribution code, and then press OK.



Cancel **:** Cancels operation.

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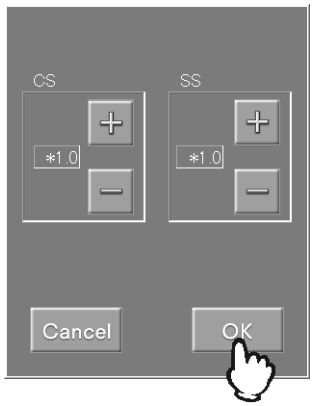
CS/SS :

Sets CS (contrast shift) and SS (density shift) to the image.

Select the parameter displays field of CS/SS to display the setting box.

Select + or − to select a value, and then select OK.



CS : Coefficient given to parameters related to tonal curve. Changes contrast of the image. Can be set in the range of *(×) 0.5 to *2.0.

SS : Coefficient given to parameters related to reading sensitivity. Changes density of the image. Can be set in the range of /(÷) 2.0 to *(×) 2.0.

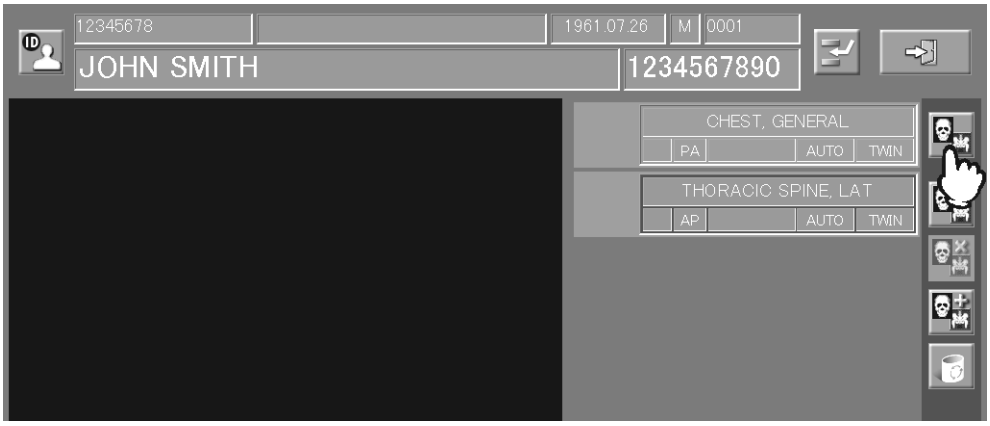
Cancel : Cancels operation.

3 Addition/Update/Deletion of Exposure Menu

■ Addition

Adds exposure menu.

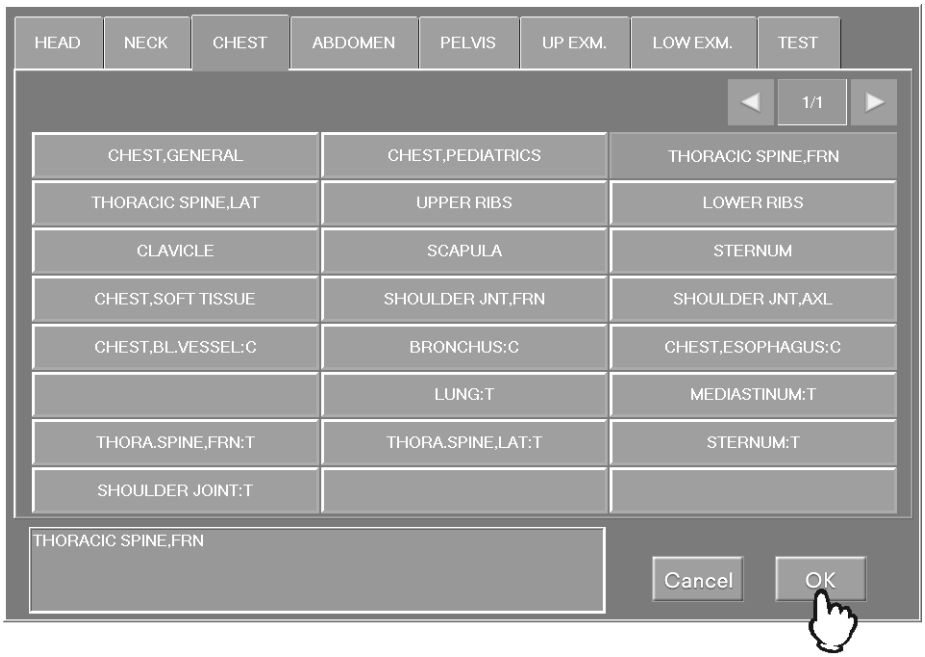
Select .



Exposure menu selection box is displayed.

Select the folder of anatomical region to display the desired exposure menu, and then select exposure menu (more than one menus can be selected). The selected exposure menu is displayed in the lower field of the box.

Select an exposure menu, and then select OK.



◀ / ▶ : Turns page.

Cancel : Cancels operation.

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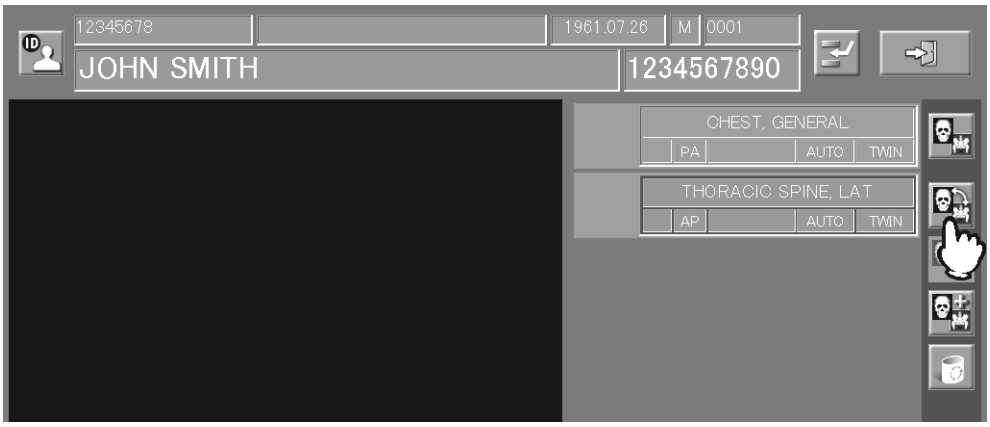
■ Update

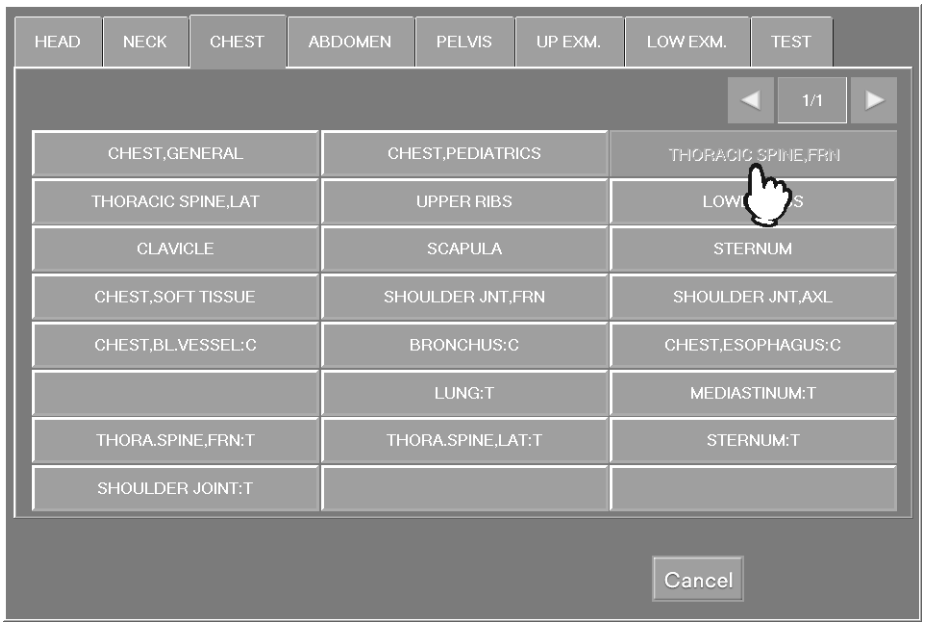
Updates exposure menu which are not read yet.

Select the exposure menu to be updated, and then select .



Exposure menu update box is displayed.

Select the folder of anatomical region to display the desired exposure menu, and then select exposure menu.



◄ / ► : Turns page.

Cancel : Cancels operation.

Deletion

Deletes exposure menu which are not read yet.

Select the exposure menu, and then select .

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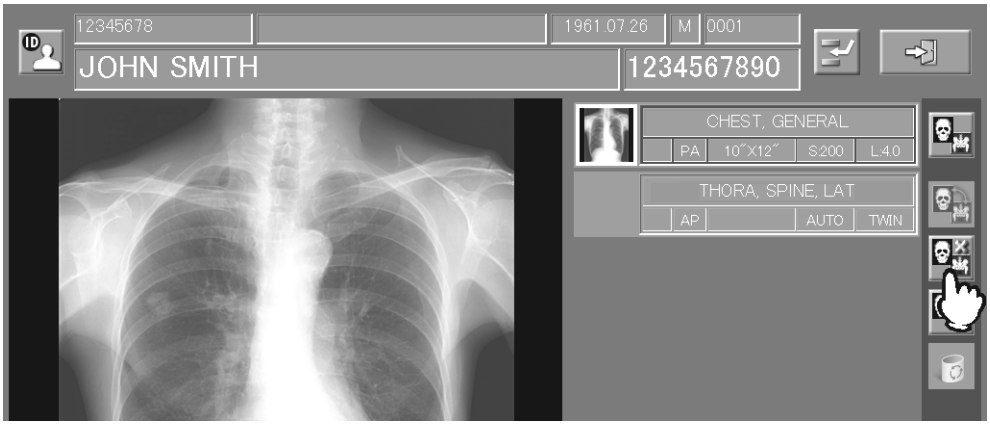
4 Re-exposure/Additional Exposure

■ Re-exposure

Performs re-exposure.

Select an exposure menu which has already been read, and then select .

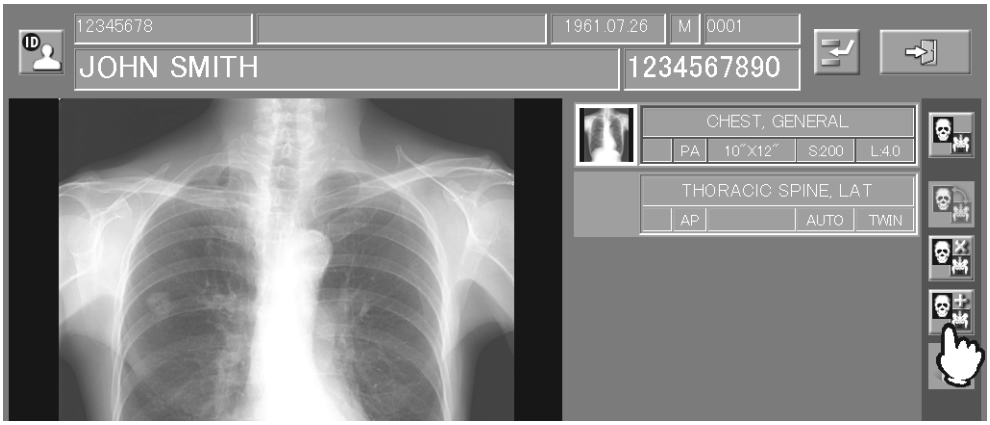


Exposured image is treated as a failed image, and the exposure menu for re-exposure is displayed (selected). Perform image reading again.

■ Additional exposure

Performs re-exposure.

Select an exposure menu, and select .



Exposure menu for additional exposure is displayed (selected). Perform image reading.

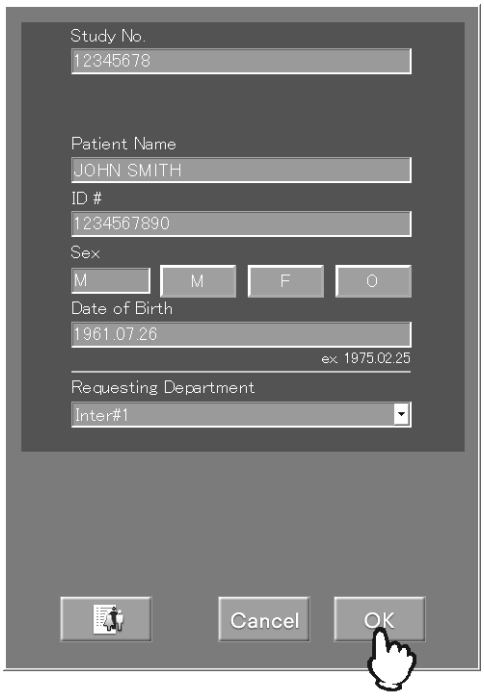
5 Update Patient Information

Updates patient information.

Select .

The updating box is displayed.

Updates information in each item, and then press OK.



: Clears all the information. This operation ends the current study. Use this operation to perform other study with only patient information updated.

Cancel : Cancels operation.

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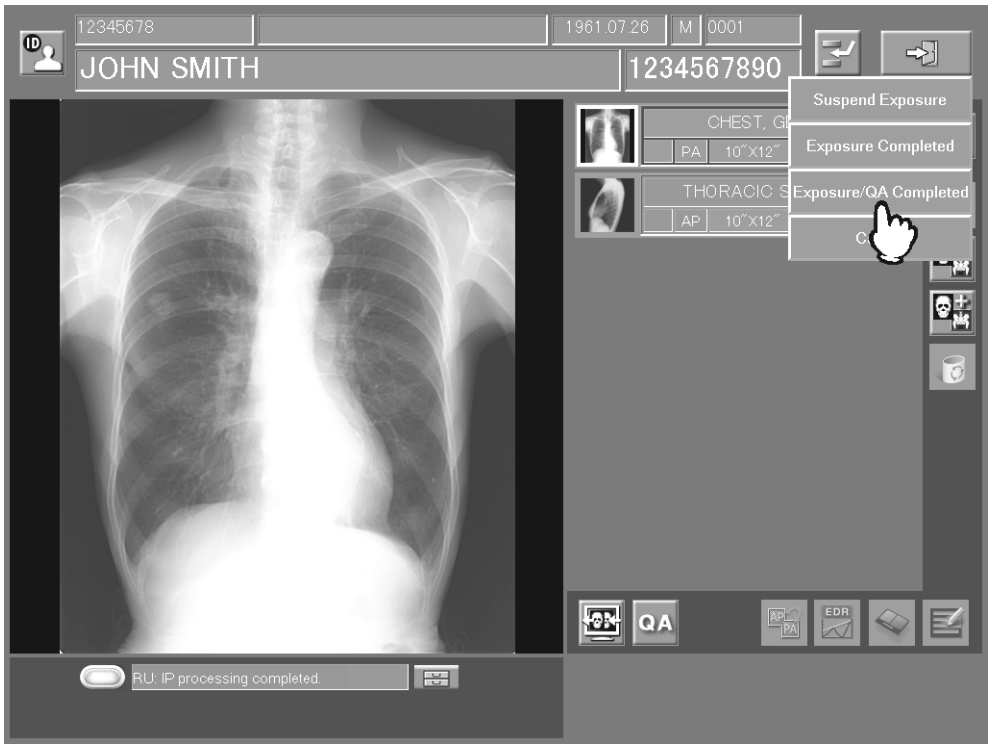
6 Suspend/Complete Exposure

Suspends or completes exposure.

Select and wait a while to display the menu, and then select any of the menus.
If is selected as usual operation, the previous screen is returned. If is selected before completing an exposure, priority output is set.



Suspend Exposure : Suspends an exposure. When an exposure is suspended, the study is stacked in the “Worklist” list.

Exposure Completed : Completes an exposure. When an exposure is completed, the study is stacked in the “QA” list.

Exposure/QA Completed : Completes exposure and image edit. When an exposure and image edit are completed, the study is stacked in the “Queue” list.

For details of each list, refer to “Chapter 3 OPERATIONS LIST”.

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FUJI COMPUTED RADIOGRAPHY

chapter 6

OPERATIONS
IMAGE EDIT

1 Screen Display

Selects studies or images to be edited and displays the image edit screen.

■ By study

Select a study which has completed exposure, and then select . (Refer to “Chapter 3 OPERATIONS LIST”.)

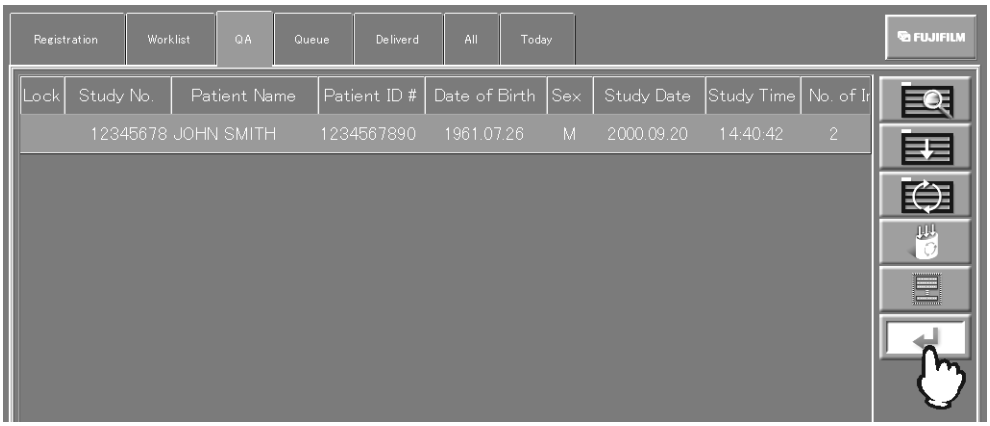
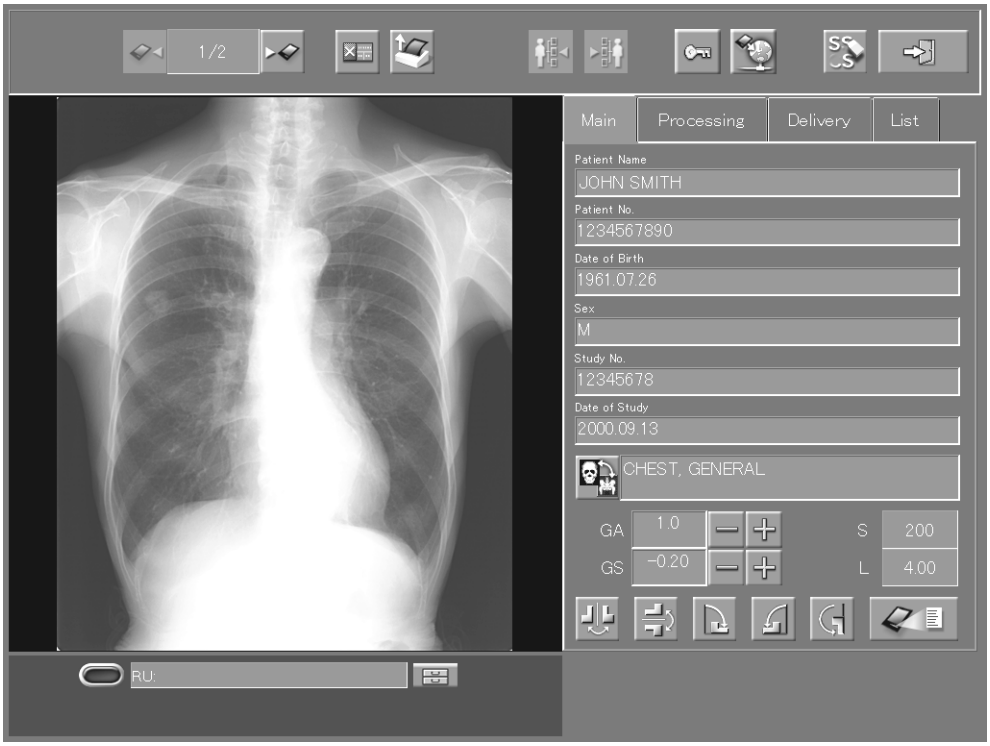


Image edit screen by study is displayed.



When more than one study or image is selected, select any one of the icons to display the desired study or image.

/ : Displays previous or next image.
/ : Displays previous or next study.

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■ By image

Read the image in the study execution screen, and then select QA. (Refer to “Chapter 5 OPERATIONS STUDY EXECUTION”.)

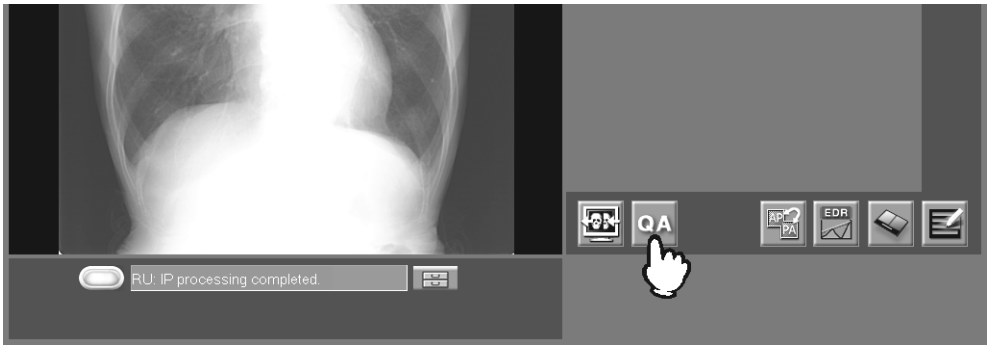
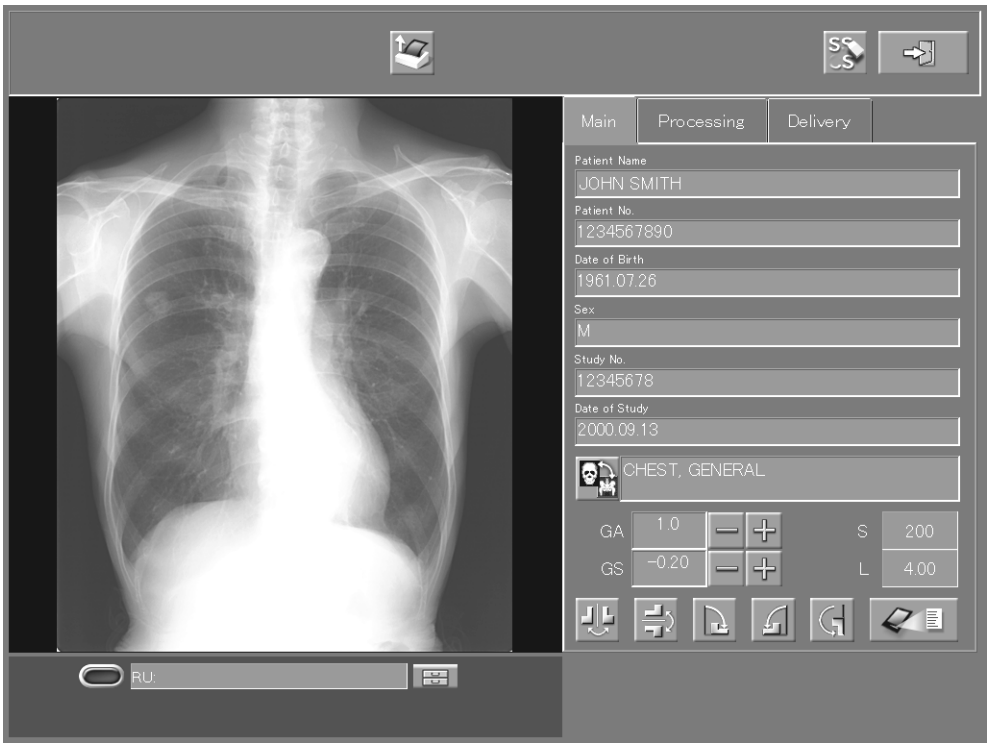


Image edit screen by image is displayed.

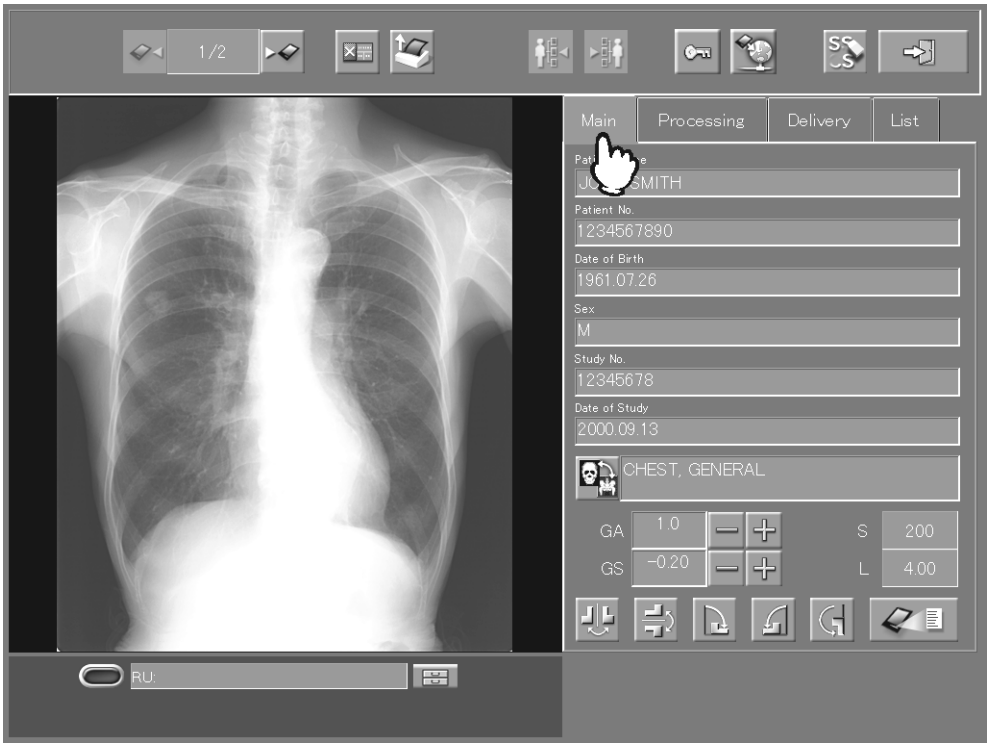


2 Image Edit

Edits the information of the displayed image in the folder, “Main”, “Processing”, “Delivery”, or “List”.

■ Main

Select the tab of the “Main” folder.



Each item is explained, hereafter.

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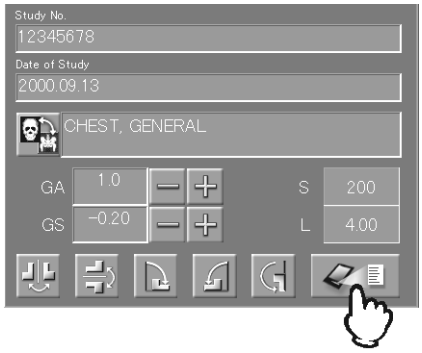
Edit additional information :

Edits additional information.

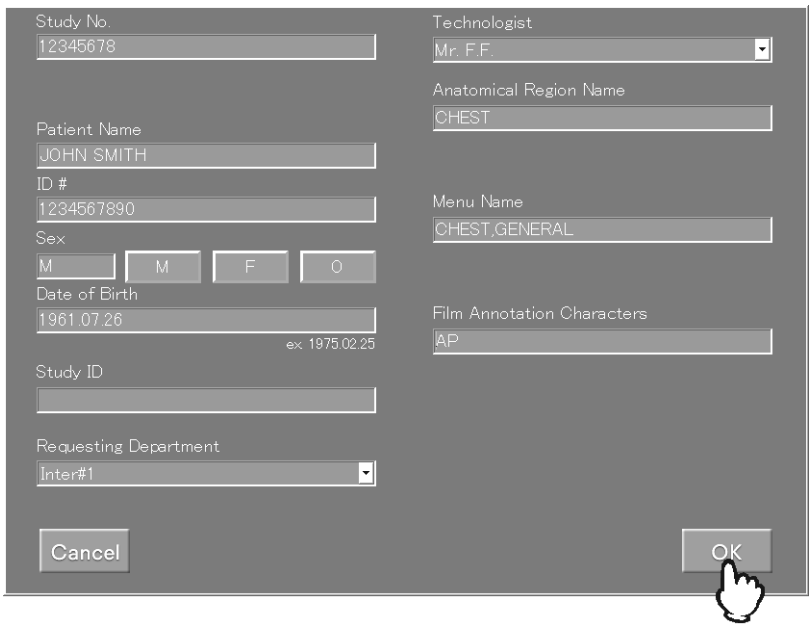
Select .



The edit box is displayed.

Update information, and then press OK.

In image edit by image, items in the left column (Study No., Patient Name, ID #, Sex, Date of Birth, Study ID, and Requesting Department) cannot be changed. To update those items by image, go back to the study execution screen and update the patient's information. (Refer to "Chapter 5 OPERATIONS STUDY EXECUTION"\"5. Update Patient Information".)

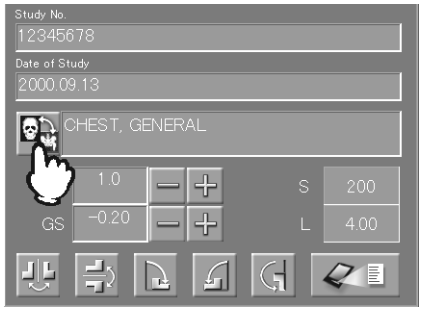


Cancel **:** Cancels operation.

Updating exposure menu :

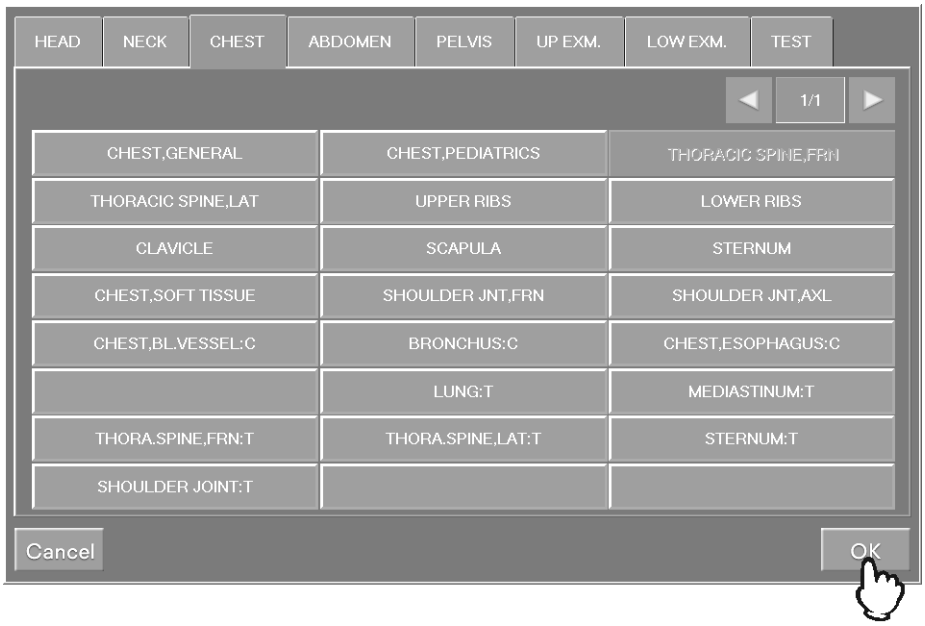
Updates exposure menu.

Select .



The exposure menu update box is displayed.

Update exposure menu, and then press OK.



◀ / ▶ **:** Turns page.

Cancel **:** Cancels operation.

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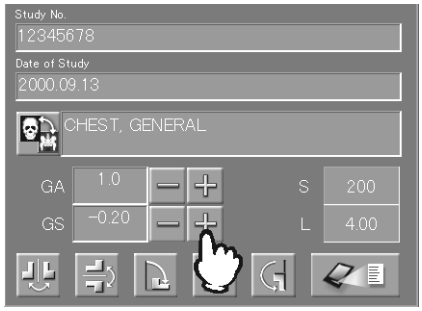
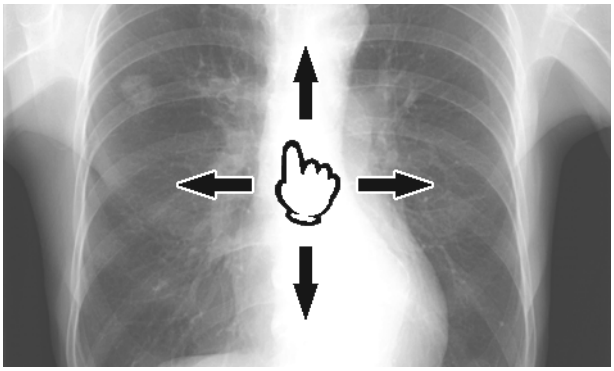
Updating GA/GS :
Updates values of GA (contrast) and GS (density).

Select — or + to update the value. For updating the values of S/L, refer to “Processing” (page *6-9*).

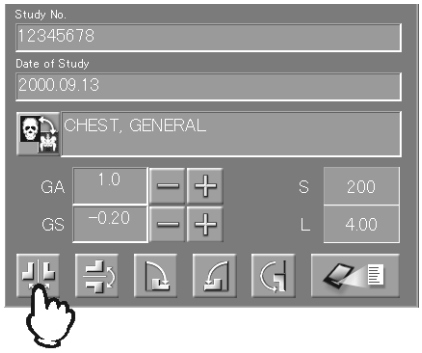


The values can be updated also by selecting the displayed image and move it vertically (GA) or horizontally (GS).



Flip/Rotation :
Flips or rotates the image.

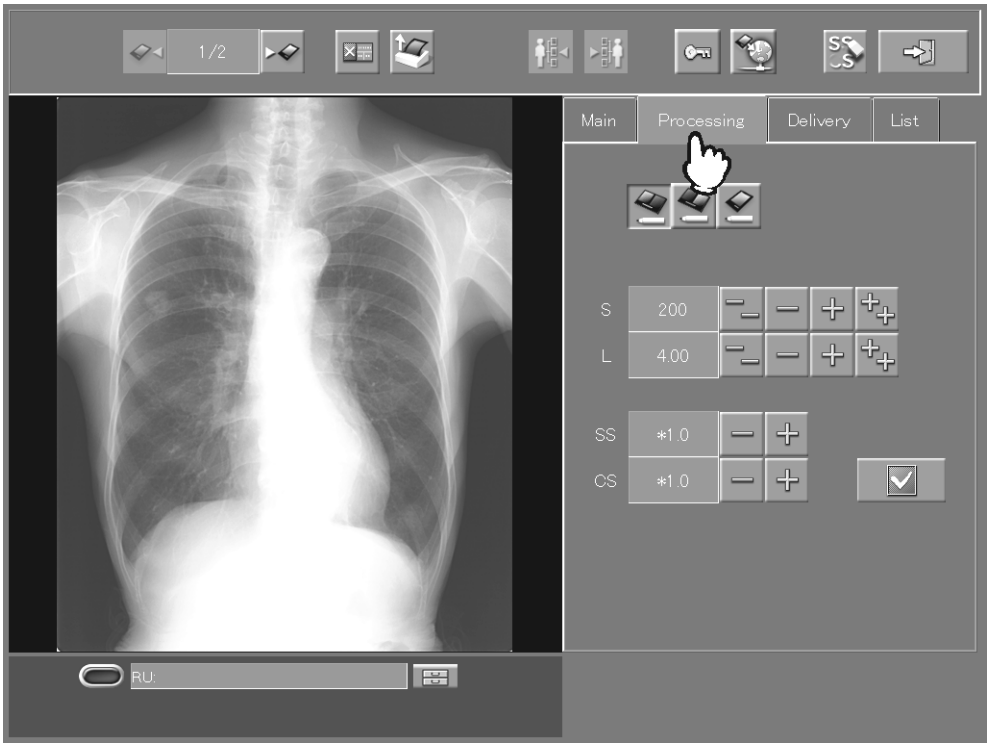
Select one of the icons.



: Flips the image horizontally.
: Flips the image vertically.
: Rotates the image 90 degrees to right.
: Rotates the image 90 degrees to left.
: Rotates the image 180 degrees.

■ Processing

Select the tab of the “Processing” folder.



Each item is explained, hereafter.

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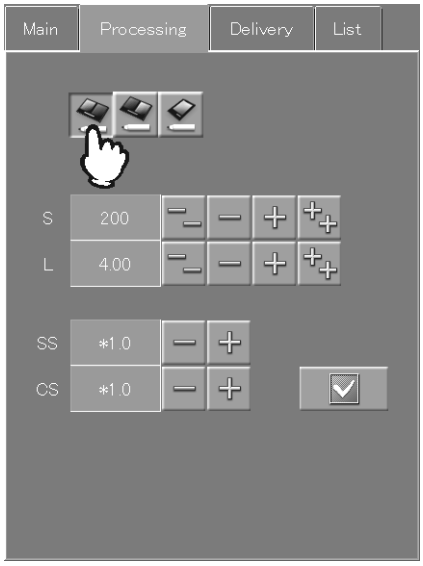
Switching parameters :
Switches image processing parameter to be updated.

Select one of the icons.

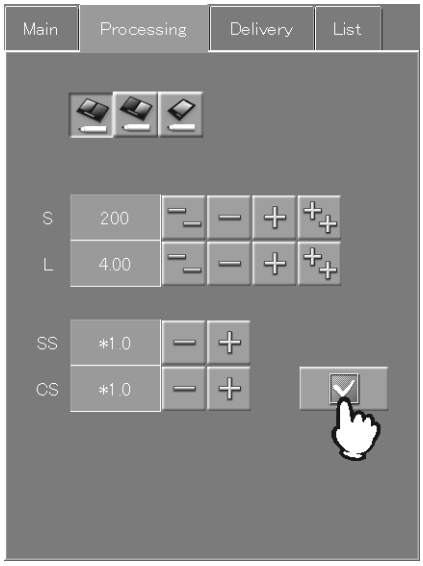


: Switches to the image processing parameter for 2-image format left image.
: Switches to the image processing parameter for 2-image format right image.
: Switches to the image processing parameter for 1-image format.

Updating S/L/SS/CS :
Updates values of S/L/SS/CS.

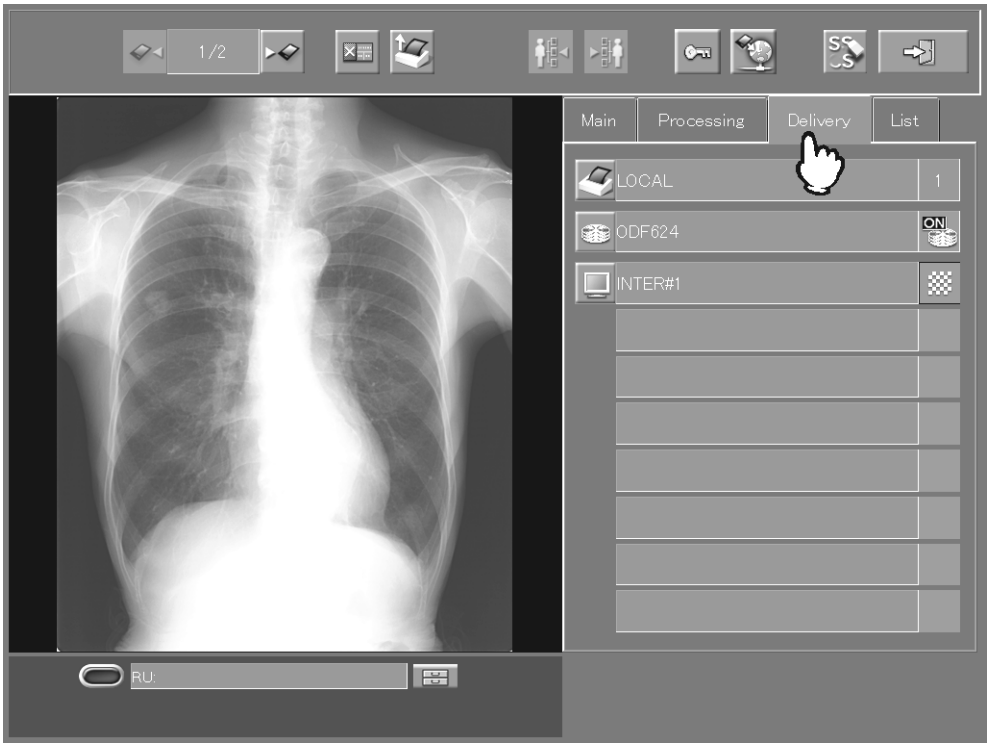
Select / / / to update values, and then select .

If is selected, the update of values can be canceled.



■ Delivery

Select the tab of the “Delivery” folder.



Each item is explained, hereafter.

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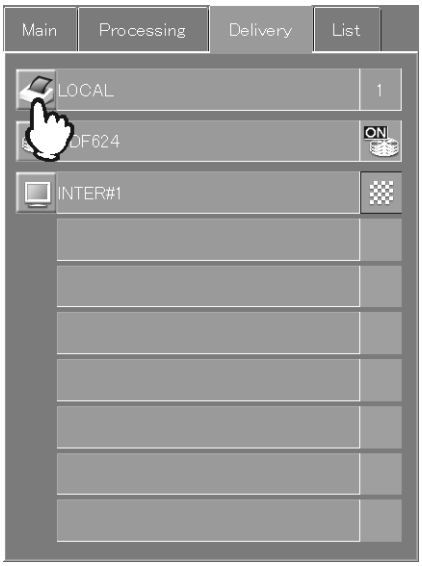
< Print setting >

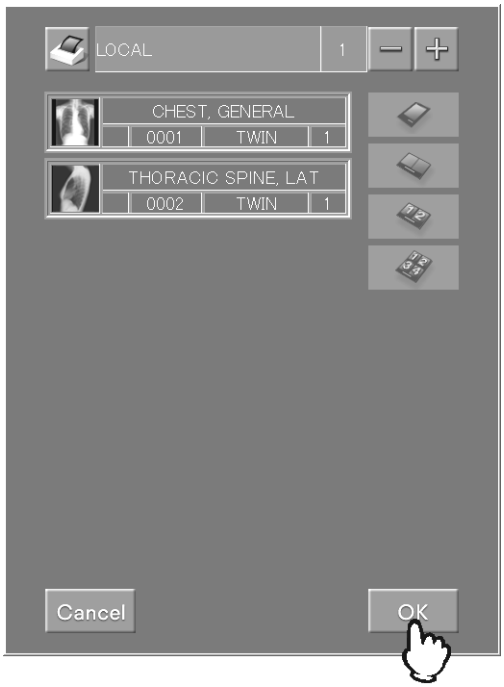
Updates print setting.

Select .



The setting box is displayed.

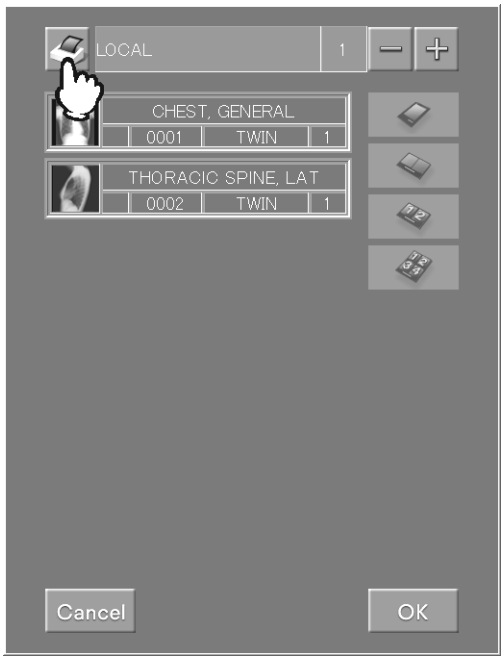
Perform the setting, which is to be explained hereafter, and then select OK.



Cancel : Cancels operation.

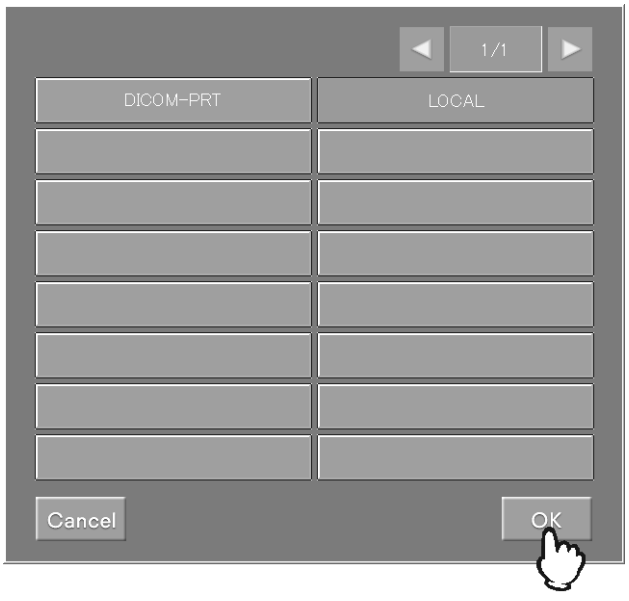
Changing print unit :

Select .



The selection box is displayed.

Select a print unit, and then press .



: Turns page.

: Cancels operation.

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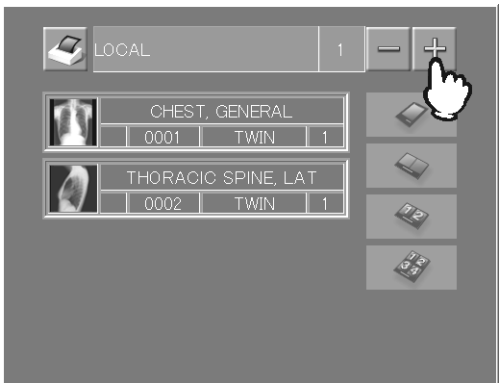
Changing number of print :
Select − or + to change the number of print.



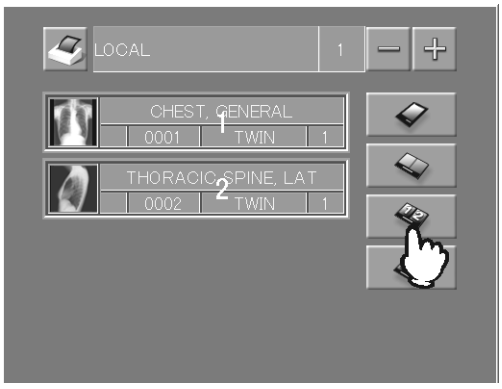
Change format :
Perform the following operation according to the format.

For 1 on 1 format, select image (more than one image can be selected.), and then select .

For 2 on 1 format (1-image L image/R image), select image (more than one image can be selected.), and then select .

For 2 on 1 format (two different images), select images in the order, left image (frame position: 1) → right image (frame position: 2), and then select .

For 4 on 1 format, select images in the order, upper left image (frame position: 1) → upper right image (frame position: 2) → lower left image (frame position: 3) → lower right image (frame position: 4), and then select .



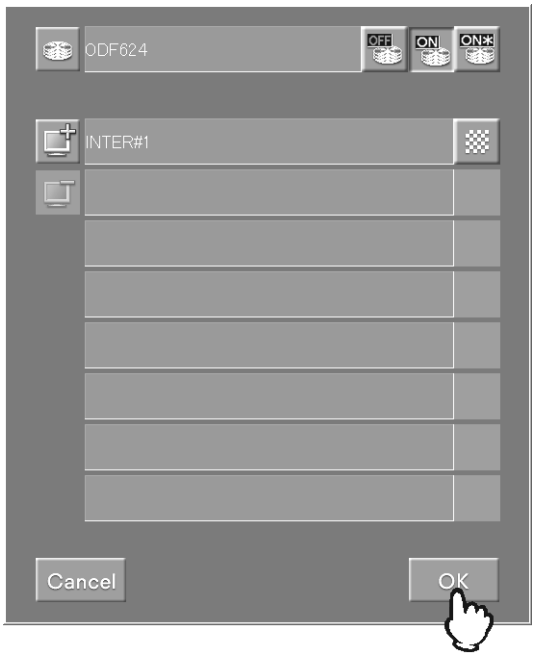
< Filing/soft copy setting >

Updates filing/soft copy setting.

Select or (selecting either one is the same.).

The setting box is displayed.

Perform the setting, which is to be explained hereafter, and then select .



: Cancels operation.

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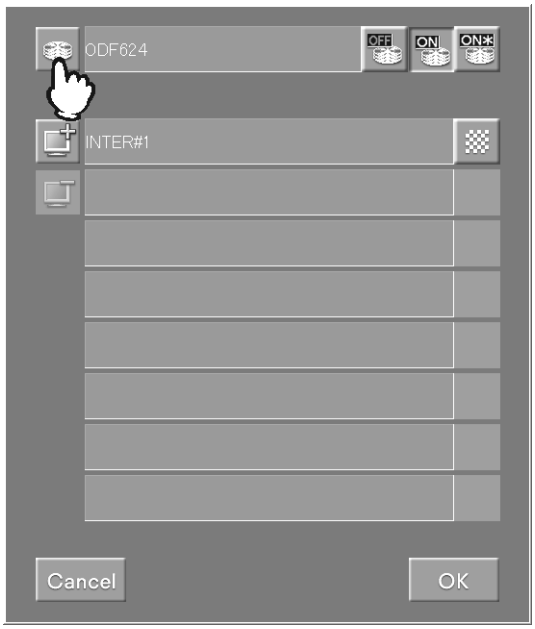
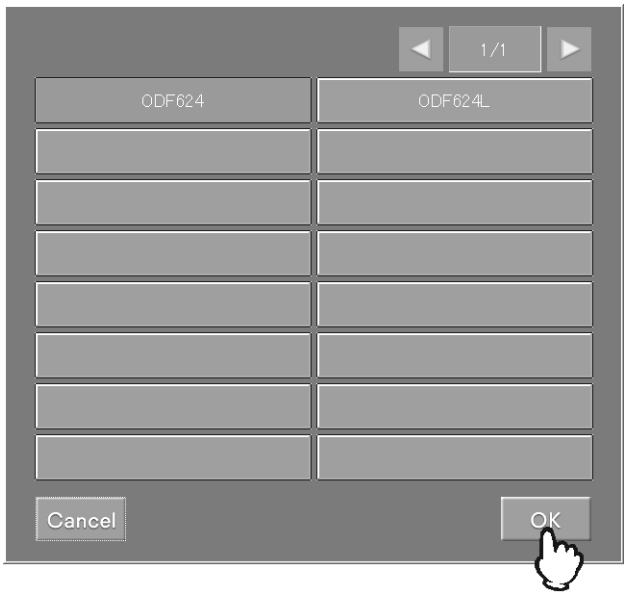
Changing filing unit :

Select .



The selection box is displayed.

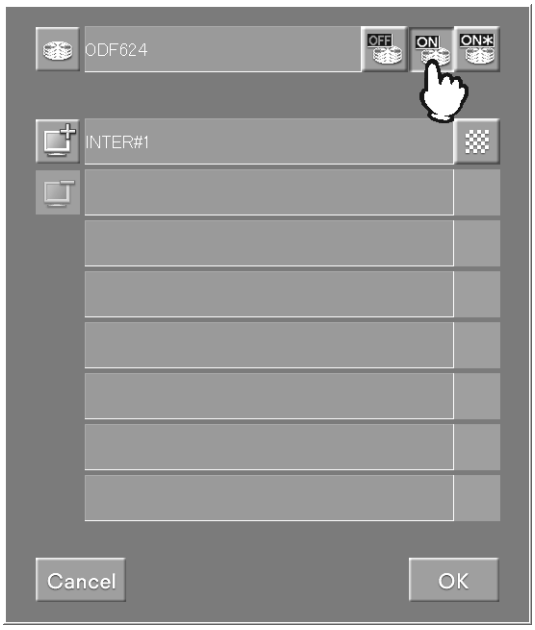
Select a filing unit, and then select .



/ **:** Turns page.

: Cancels operation.

Filing mode :
Select one of the icons.



: Does not record images to the filing unit.

: Record images to the filing unit.

: Converts HQ images to standard images and records them to the filing unit. (Not normally set.)

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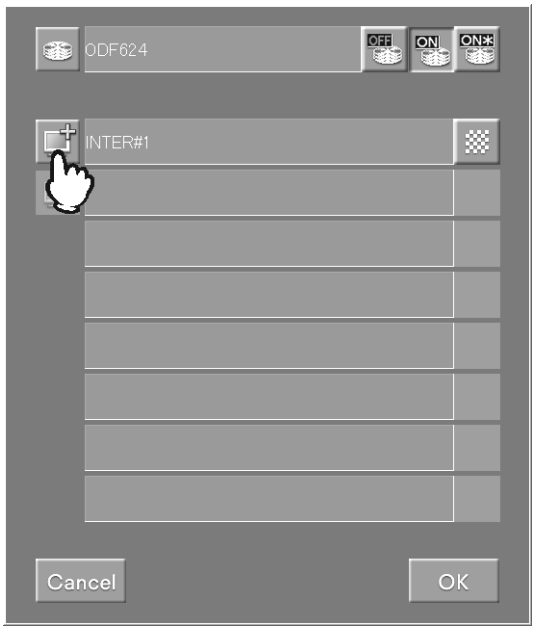
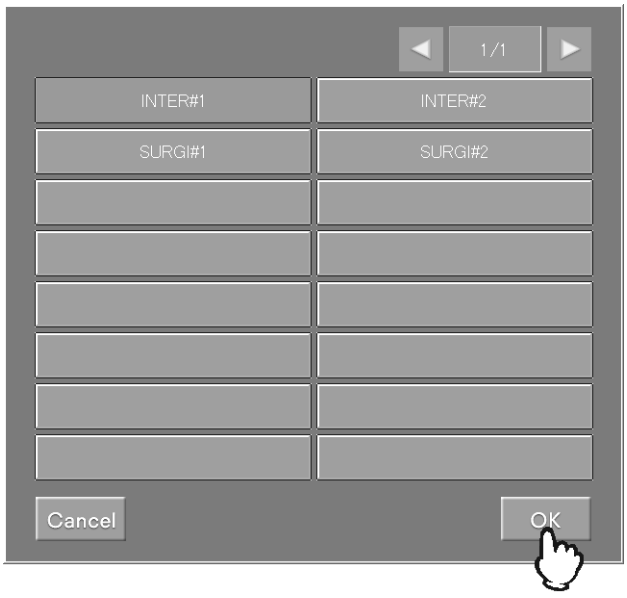
Adding soft copy unit :
Select .



The selection box is displayed.

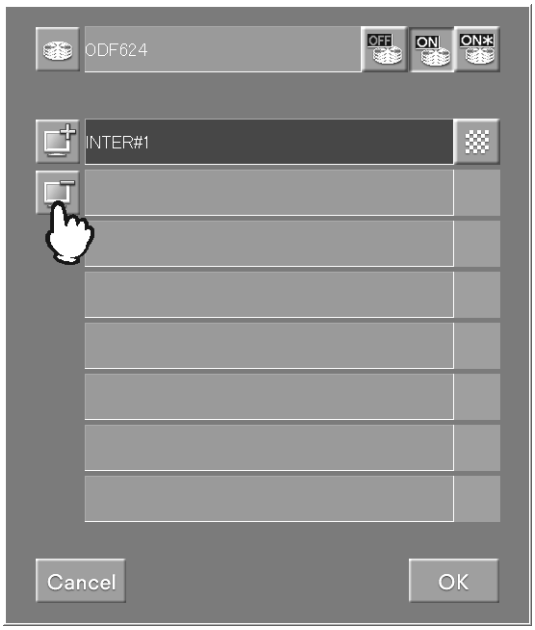
Select a soft copy unit, and then select .



: Turns page.
: Cancels operation.

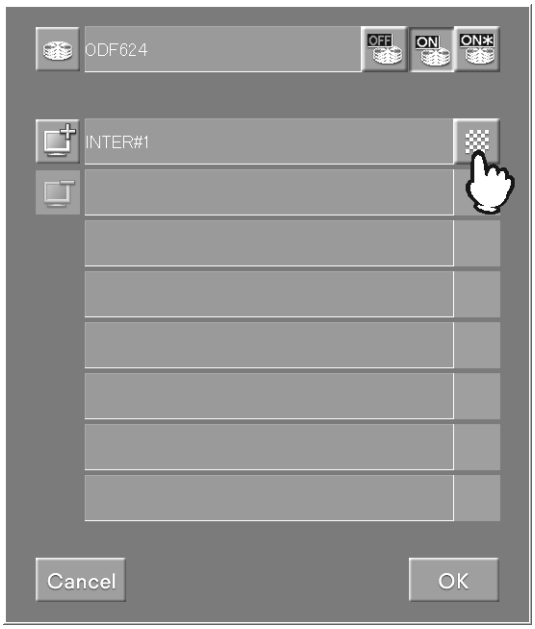
Deleting soft copy unit :

Select a soft copy unit, and then press .



Setting density of soft copy image :

Select the icon in the right of the soft copy unit display field to display (HQ) or (standard).



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List

Select the tab of the “List” folder. (Not displayed in the image edit screen by image.)

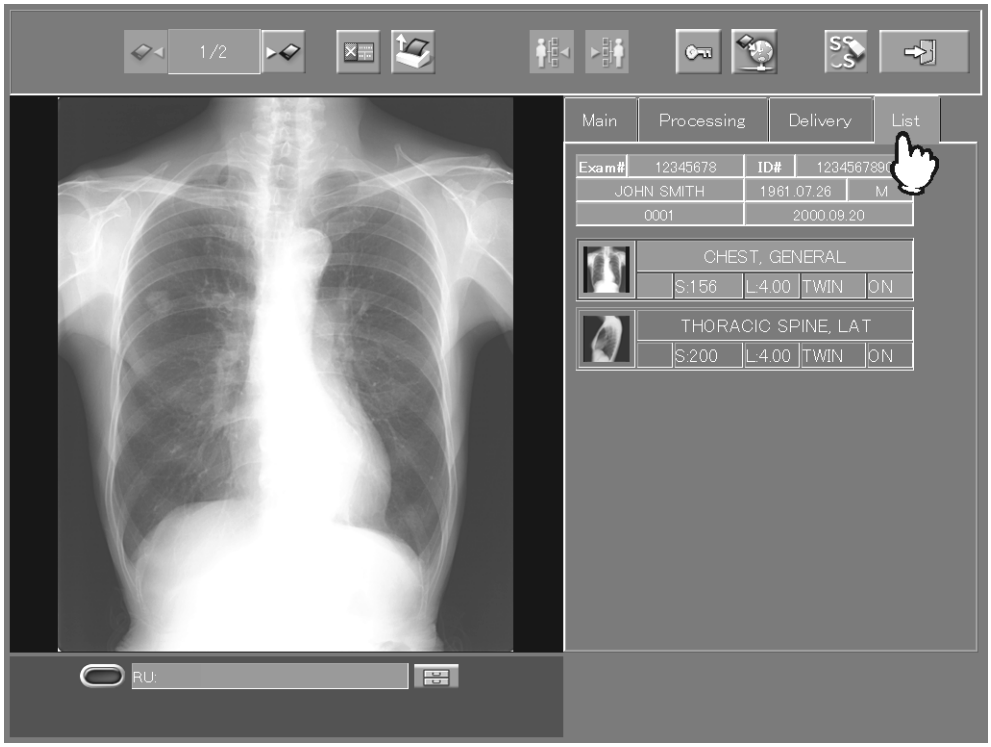
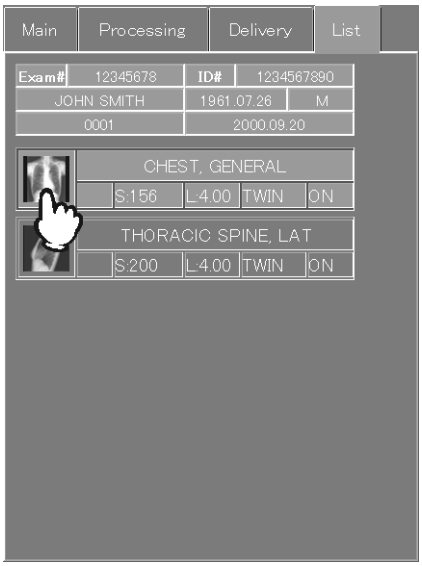


Image information in the study can be referred to in this folder.

Select a thumb nail image to switch the displayed image.



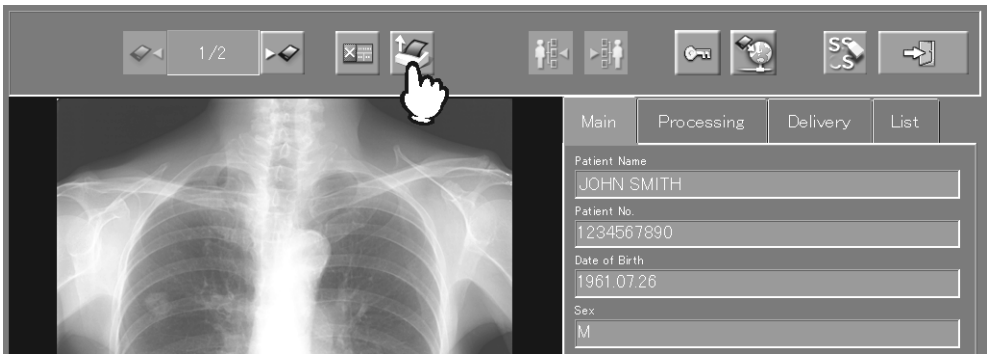
3 Utility

Various utility functions. Operate these functions according to necessity.

■ Printing displayed image

Prints the image currently displayed.

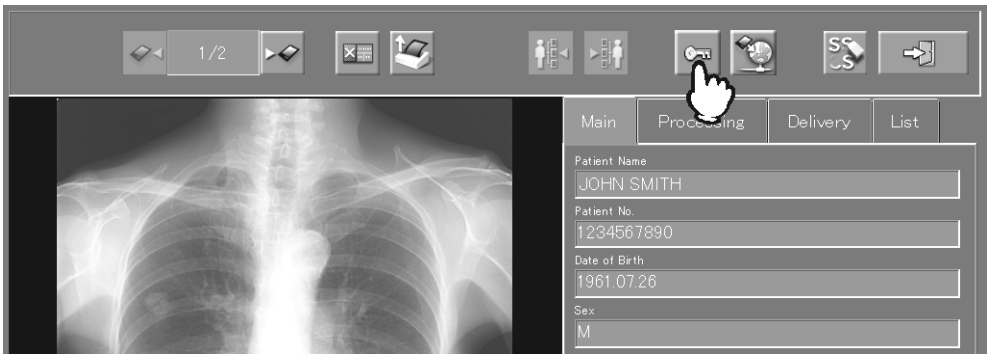
Select .



■ Locking study

Locks the image currently displayed to prevent it from being deleted.

Select . Select the icon again to release the lock.



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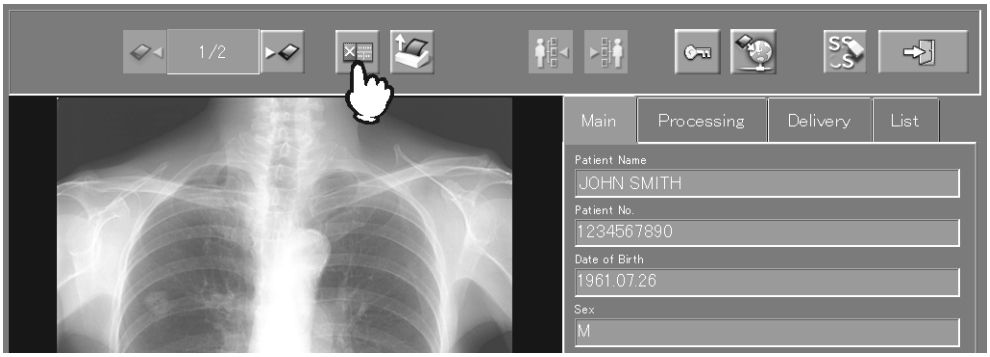
■ Setting failed image

Treats the image currently displayed as a failed image.

Select . Select the icon again to release the failed image.

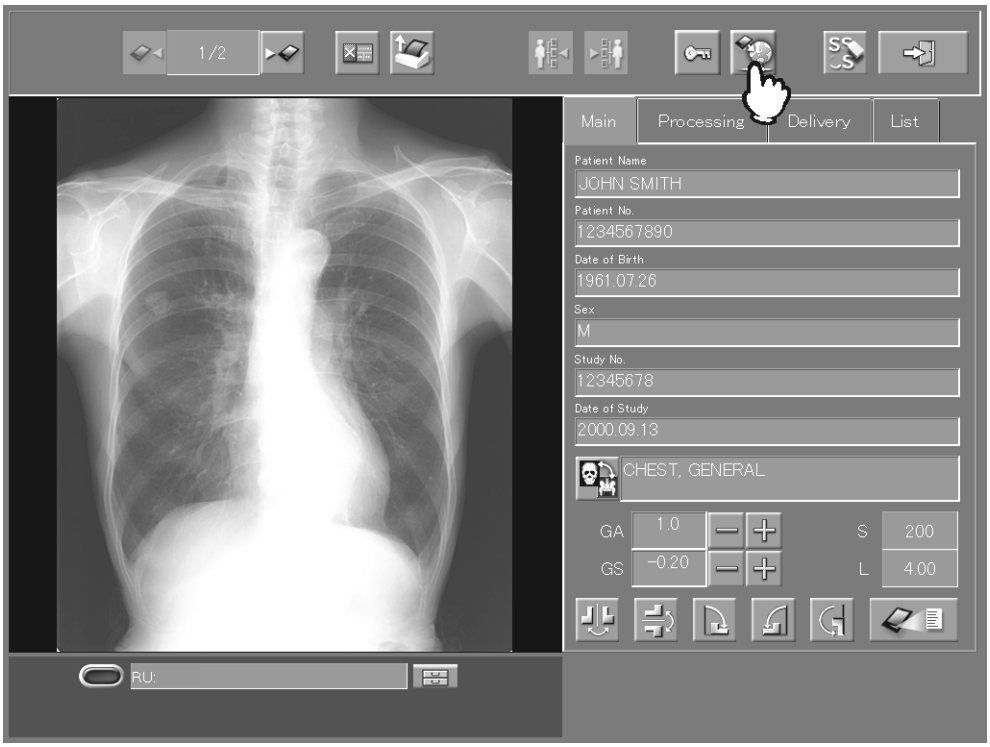


4 Image Output

Completes image edit and outputs the image.

Select .

Select to return to the previous image.



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FUJI COMPUTED RADIOGRAPHY

chapter 7

TROUBLE SHOOTING

1 Error Messages

The following explains error messages.

If an error which cannot be dealt with or the same error occurs frequently, contact your service engineer.

■ If an Error Occurs on This Unit

If an error occurs on this unit, an error message box is displayed on the screen. In that case, check the error contents and select “OK” in the box, and then perform an appropriate action.

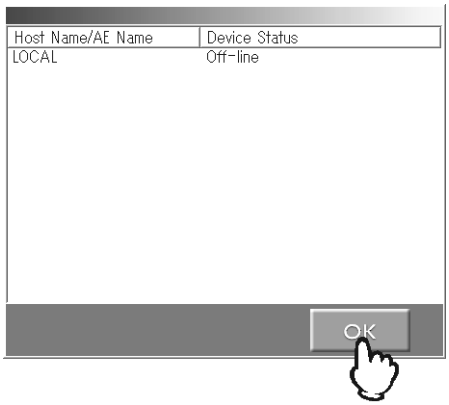
■ If an Error Occurs on Destination Unit

If an error occurs on destination unit, is displayed in the lower right of the screen. In that case, perform the following operation.

Select .

The error display box is displayed.

Check the error contents, select OK, and then perform an appropriate action.



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2 When These Happen...

■ When the System Hangs Up...

If an illegal processing is performed while the unit is operating, the screen may freeze and the system may hang up (unable to be process).

In that case, shut down the unit forcibly in the following procedure, and then re-start it.

1) Press the keys, Ctrl + Alt + Del simultaneously.

2) "Windows Security" is displayed.
   Click "Task Manager".

3) "Windows Task Manager" is displayed.
   Select the application currently running (may be more than one) in the list in "Applications" tab, and then click "End Task".

4) The message box is displayed.
   Click "End Task".
   Depending on units, operations in 4) and 5) may not be required.

5) The desktop screen of the operating system (Windows 2000) is displayed.
   Close "Windows Task Manager", and then click the "Start" button in the lower left in the screen. Click "Shut down". Shut down processing is executed.

6) Re-start the unit.

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NOTE

- Forcible shut down of the unit is an emergency action. Do not use this action under normal situation.

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